

Marc Torrens Arnal

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My professional goal is to bridge the gap between the outputs of scientific research and the inputs needed by real-world Internet applications. I enjoy teaching and overcoming new business challenges with state-of-the-art technology in the areas of **Artificial Intelligence**, **Data Science**, and **Product Design**. I can speak business, technology and science. I have been specialising in the travel, digital media and **FinTech** industries. **Entrepreneurship** and **Research** have often been the way I've found to achieve my professional goals.

EDUCATION

Postgraduate course on Entrepreneurship 2002 - 2003

The Branco Weiss Chair of Entrepreneurship and Innovation (Switzerland)

I was in a team winning the business plan competition Venture 2002, organized by ETH Zurich and McKinsey. Our business plan was selected in the top 10, out of 207 other participating teams.

Ph.D. in Artificial Intelligence 1997 - 2002

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

Doctoral Thesis: *Scalable Electronic Catalogues*. Director: Prof. Boi Faltings

M.Sc. in Computer Science 1991 - 1997

Universitat Politècnica de Catalunya (UPC), Barcelona, Spain

CORPORATE EXPERIENCE

Strands Labs, Inc 2004 - Present

Cofounder, Board Member, CIO *Corvallis, USA | Barcelona, Spain*

Strands is a FinTech software company with more than 150 employees, developing solutions for banks and merchants to enable them to generate higher customer engagement and create new revenue through digital marketing channels. In the first years, Strands (named previously MusicStrands) developed a unique recommendation engine based on collaborative filtering for the music industry.

- Cofounder of Strands Labs, Inc. Including responsibilities in financing, hiring people, and business plan elaboration. Corvallis, Oregon, USA (2004-2007).
- Led innovation, product and marketing for the different industries Strands has been working on: music and finance.
- Designed a music recommender system based on collaborative filtering handling millions of songs and users.
- Coauthored a patent portfolio that was sold to Apple, Inc. for \$5M in 2011 (see section PATENTS).
- Helped to raise more than \$50M in capital institutional investment.
- Awarded with the Webby Awards for the banking category in 2010.
- Cochair of the 4th ACM International Conference on Recommender Systems in 2010 with 400+ participants.
- Managed enterprise software projects with top tier banks worldwide (BBVA, ING, Postfinance, BMO, and Barclays).
- Sales activities leading to multimillion deals with top tier banks worldwide including: Barclays, Deutsche Bank, ING Netherlands, BBVA, BNP Paribas, Bank of Montreal and PostFinance, Abu Dhabi Commercial Bank.
- Board Director since 2015.

Iconomic Systems SA (acquired by i:FAO AG) 1999 - 2004

Cofounder, CTO *Lausanne, Switzerland*

Iconomic Systems developed an innovative corporate travel planner with a constraint-based engine. The system was capable of planning complex travel considering people agendas, available flights, locations and preferences on airlines and hotels.

- Founder of Iconomic Systems SA, a spin-off company of the EPFL commercialising the research of my PhD.
- Led the engineering team to develop an innovative travel configuration system on the Web.
- In 2001, Iconomic Systems was acquired by the German company i:FAO AG, a digital corporate travel agency.
- General manager of i:FAO Future Lab in Switzerland with a team of more than 10 engineers.

Enxendra Technologies SA*Board Director*

2016 - Present

Madrid, Spain

- Company focussing on e-invoicing and e-voting. Advisory work to the CEO and CTO. <http://www.enxendra.com/en/>

Chicisimo.com*Scientific Advisor*

2011 - Present

San Sebastián, Spain

- Advisory work for the CEO on different areas, including Intellectual Property, Innovation and Products, and scientific guidance. Coauthored two patents on the fashion industry around recommendation and personalisation technologies for the fashion industry. <https://chicisimo.com>

Datumize SA*Scientific Advisor*

2014 - 2015

Barcelona, Spain

- Advisory work for the CEO on product design and company guidance. Datumize uncovers unexplored data to help companies make the right business decisions that increase revenue and decrease cost. <https://datumize.com>

FinTech Fusion*Startup Mentor*

2015 - Present

Geneva, Switzerland

- Mentoring several startup companies within the FinTech FUSION incubator in Switzerland. <https://www.fusion.xyz>

ACADEMIC EXPERIENCE

Instituto de Empresa (IE)*Adjunct Professor*

2015 - Present

Madrid, Spain

- Lectures on principles of Recommendation Engines for the Master in Business Analytics and Big Data. It includes regular semester course with two groups, and a blended version.

ESADE*Collaborator*

2016 - Present

Barcelona, Spain

- Lectures on Big Data, Recommendation Engines and Machine Learning.

Geneva Business School*Adjunct Professor*

February 2017 - June 2017

Barcelona, Spain

- Organise and teach a 12 sessions course on FinTech for the Master of Science in International Finance.

The Valley Digital Business School*Adjunct Professor*

2015 - Present

Barcelona, Spain

- In-company lectures for *Santander* and *Accenture* on Big Data, Personalization and Recommendation technologies.

École Polytechnique Fédérale de Lausanne*Postdoc Researcher*

2002 - 2004

*Lausanne, Switzerland***PATENTS**

In 2011, Strands, Inc. sold its patent portfolio related to the media industry and recommendations to Apple, Inc. for \$5M, including [2, 3, 4, 5, 6, 7, 8, 9, 10, 11]. The full listing can be found here:

<https://www.lens.org/lens/search?inventor=TORRENS%20MARC>.

- [1] Gabriel Aldamiz Echevarria, David Bolufer, and Marc Torrens. "Online Fashion Community System And Method". Granted Patent US 9479577 B2 (United States). Chicisimo S.L. Oct. 25, 2016. URL: <https://lens.org/176-537-150-787-471>.
- [2] Francisco J. Martin, Jim Shur, and Marc Torrens. "Dynamic Interactive Entertainment Venue". Granted Patent US 9317185 B2 (United States). Apple Inc. Apr. 19, 2016. URL: <https://lens.org/085-523-701-041-769>.

- [3] Francisco J. Martin, Jim Shur, and Marc Torrens. “Recommender System For Identifying A New Set Of Media Items Responsive To An Input Set Of Media Items And Knowledge Base Metrics”. Granted Patent EP 1849099 B1, US 8312017 B2, US 7734569 B2, US 9262534 B2, US 9576056 B2 (European Patent Office). Apple Inc. May 7, 2014. URL: <https://lens.org/010-598-326-000-708>.
- [4] Francisco J. Martin, Jim Shur, and Marc Torrens. “Recommender System For Identifying A New Set Of Media Items Responsive To An Input Set Of Media Items And Knowledge Base Metrics”. Granted Patent HK 1116554 A1 (Hong Kong). Apple Inc. July 25, 2014. URL: <https://lens.org/187-624-238-531-467>.
- [5] Marc Torrens, Jim Shur, and Chang Edward. “Systems And Methods Regarding A Purchase Decision Tool For Determining A Financial Impact Of A Proposed Purchase”. US 2014/0122310 A1 (United States). Strands Inc. May 1, 2014. URL: <https://lens.org/150-685-582-554-322>.
- [6] Marc Torrens, Ivan Tarradellas, and Jim Shur. “Machine Learning System To Optimize Targeting Campaigns In On-line Banking Environment”. US 2014/0365314 A1 (United States). Strands Inc. Dec. 11, 2014. URL: <https://lens.org/042-883-600-619-997>.
- [7] Francisco J. Martin, Jim Shur, and Marc Torrens. “System For Browsing Through A Music Catalog Using Correlation Metrics Of A Knowledge Base Of Mediasets”. Granted Patent US 8543575 B2, US 8185533 B2, US 7945568 B1 (United States). Apple Inc. Sept. 24, 2013. URL: <https://lens.org/091-378-268-232-298>.
- [8] Francisco J. Martin, Marc Torrens, and Rick Hangartner. “Mediaset Generation System”. Granted Patent US 8583671 B2 (United States). Apple Inc. Nov. 12, 2013. URL: <https://lens.org/169-068-534-911-248>.
- [9] Marc Torrens and Pere Ferrera. “User To User Recommender”. Granted Patent US 8356038 B2, US 8996540 B2, US 7962505 B2 (United States). Apple Inc. Jan. 15, 2013. URL: <https://lens.org/075-026-102-149-321>.
- [10] Marc Torrens, Patrick Hertzog, and Josep-Lluís Arcos. “Methods And Apparatus For Visualizing A Media Library”. Granted Patent US 8276076 B2, US 7650570 B2 (United States). Apple Inc. Sept. 25, 2012. URL: <https://lens.org/045-828-614-367-580>.
- [11] Francisco J. Martin, Enric Plaza, and Marc Torrens. “System And Method For Recommending Multimedia Elements”. Patent Application EP 1835455 A1 (European Patent Office). Apple Inc. Sept. 19, 2007. URL: <https://lens.org/155-289-147-636-03X>.
- [12] Boi Faltings and Marc Torrens. “Systems And Methods For Graphically Displaying Travel Information”. US 2003/0033164 A1 (United States). Feb. 13, 2003. URL: <https://lens.org/131-646-528-998-781>.
- [13] Marc Torrens and Boi Faltings. “Approximative Methods For Searching Pareto Optimal Solutions In Electronic Configurable Catalogs”. US 2003/0220847 A1 (United States). Nov. 27, 2003. URL: <https://lens.org/013-600-725-596-018>.

PUBLICATIONS

A Google Scholar profile is available at: <https://scholar.google.com/citations?user=x0s7HJoAAAAJ&hl=en>.

Books and Journals

- [1] Marc Torrens. “Personalized Wealth Management as the Next Wave of Robo-Advisory”. In: *The Wealth Book*. Ed. by S. Chishti and J. Barberis. To be published in April 2018. John Wiley and Sons, Ltd, 2018. ISBN: 978-1-119-36215-9.
- [2] Sergio Parra and Marc Torrens. *Inteligencia artificial. El camino hacia la ultrainteligencia*. Desafios de la ciencia. National Geographic. RBA Coleccionables, 2017.
- [3] Marc Torrens. “Banking on Innovation Through Data”. In: *The FinTech Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries*. Ed. by S. Chishti and J. Barberis. John Wiley and Sons, Ltd, 2016, pp. 232–234. ISBN: 978-1-119-21890-6.
- [4] Francisco J. Martin et al. “The Big Promise of Recommender Systems”. In: *AI Magazine*. Vol. 32. 3. AAAI Press, 2011, pp. 19–27. DOI: <https://doi.org/10.1609/aimag.v32i3.2360>.
- [5] Boi Faltings, Marc Torrens, and Pearl Pu. “Solution Generation with Qualitative Models of Preferences”. In: *Computational Intelligence*. Vol. 20. 2. Blackwell Publishing, Inc., 2004, pp. 246–263. ISSN: 1467-8640.

- [6] Marc Torrens. “Scalable Intelligent Electronic Catalogs”. PhD thesis. Lausanne (Switzerland): Swiss Federal Institute of Technology (EPFL), Dec. 2002. DOI: <http://doi.org/10.5075/epfl-thesis-2690>.
- [7] Marc Torrens, Boi Faltings, and Pearl Pu. “Smart Clients: Constraint Satisfaction as a Paradigm for Scaleable Intelligent Information Systems”. In: *Constraints*. Vol. 7. 1. Hingham, MA, USA: Kluwer Academic Publishers, 2002, pp. 49–69. ISSN: 1572-9354.
- [8] Marc Torrens and Boi Faltings. “Constraint Satisfaction for Modelling Scalable Electronic Catalogs”. In: *Agent Mediated Electronic Commerce; The European AgentLink Perspective*. Ed. by Frank Dignum and Carles Sierra. Lecture Notes on Artificial Intelligence LNAI 1991. Springer-Verlag, 2001, pp. 214–228. ISBN: 3-540-41671-4.

Conferences and Workshops

- [1] Gunnar Holmberg and Marc Torrens. “MusicstrandsTM: a Platform for Discovering and Exploring Music”. In: *Proceedings of the 2005 International Computer Music Conference, ICMC*. Barcelona, Spain: Michigan Publishing, 2005.
- [2] Boi Faltings et al. “Designing Example-critiquing Interaction”. In: *Proceedings of the 9th International Conference on Intelligent User Interfaces*. IUI '04. Island of Madeira, Portugal: ACM Press, 2004, pp. 22–29. ISBN: 1-58113-815-6.
- [3] Patrick Hertzog and Marc Torrens. “Context-aware Mobile Assistants for Optimal Interaction: a prototype for supporting the business traveler”. In: *Proceedings of the 9th international conference on Intelligent user interfaces*. ACM Press, 2004, pp. 256–258. ISBN: 1-58113-815-6.
- [4] Patrick Hertzog, Marc Torrens, and Pearl Pu. “Context-aware Computing for Business Traveler Care”. In: *Proceedings of the IADIS International Conference on Applied Computing*. Ed. by Nuno Guimaraes and Pedro Isaias. IADIS '04. Lisbon, Portugal: ACM Press, 2004. ISBN: 972-98947-3-6.
- [5] Pearl Pu, Boi Faltings, and Marc Torrens. “Effective Interaction Principles for Online Product Search Environments”. In: *Proceedings of the 2004 IEEE/WIC/ACM International Conference on Web Intelligence*. WI '04. Beijing, China: IEEE Computer Society, 2004, pp. 724–727. ISBN: 0-7695-2100-2.
- [6] Marc Torrens and Josep-Lluís Arcos. “Visualizing and Exploring Personal Music Libraries”. In: *Proceedings of the 5th International Conference on Music Information Retrieval (ISMIR'04)*. Barcelona, Catalonia, 2004, pp. 421–424.
- [7] Marc Torrens and Patrick Hertzog. “Context-aware Mobile Assistants for Optimal Interaction: a Prototype for Supporting the Business Traveler”. In: *Proceedings of the 9th International Conference on Intelligent User Interfaces*. IUI '04. Island of Madeira, Portugal: ACM Press, 2004, pp. 256–258. ISBN: 1-58113-815-6.
- [8] Marc Torrens et al. “Towards an Intelligent Mobile Travel Assistant”. In: *Proceedings of the 2004 ACM Symposium on Applied Computing*. Nicosia, Cyprus: ACM Press, 2004. ISBN: 1-58113-812-1.
- [9] Pearl Pu, Boi Faltings, and Marc Torrens. “User-Involved Preference Elicitation”. In: *Working Notes of the Workshop on Configuration. The 18th International Joint Conference on Artificial Intelligence (IJCAI-2003)*. Acapulco, Mexico: IJCAI Press, 2003.
- [10] Marc Torrens et al. “reality: a Scalable Intelligent Travel Planner. Decision Support for the Business Traveler”. In: *Proceedings of the 2003 ACM symposium on Applied Computing*. SAC '03. Melbourne, Florida, USA: ACM Press, 2003, pp. 623–630. ISBN: 1-58113-624-2.
- [11] Marc Torrens and Boi Faltings. “Using Soft CSPs for Approximating Pareto-Optimal Solution Sets”. In: *AAAI Workshop on Preferences in Constraint Satisfaction. Technical Report WS-02-13*. Ed. by U. Junker. AAAI Press, 2002, pp. 99–106.
- [12] Santiago Macho-Gonzalez, Marc Torrens, and Boi Faltings. “A Multi-Agent Recommender System for Planning Meetings”. In: *Proceedings of the 4th International Conference on Autonomous Agents, Workshop on Agent-based Recommender Systems (WARS2000)*. 2000.
- [13] Steven Willmott et al. “CCL: Expressions of Choice in Agent Communication”. In: *Proceedings of the 4th International Conference on MultiAgent Systems (ICMAS-2000)*. Boston MA, USA: IEEE Computer Society Press, 2000. ISBN: 0-7695-0625-9.

- [14] Marc Torrens and Boi Faltings. “SmartClients: Constraint satisfaction as a paradigm for scaleable intelligent information systems”. In: *AAAI Workshop on Artificial Intelligence for Electronic Commerce. Technical Report WS-99-01*. AAAI Press, 1999, pp. 10–15.
- [15] Marc Torrens, Rainer Weigel, and Boi Faltings. “Distributing Problem Solving on the Web Using Constraint Technology”. In: *Proceedings of the 10th IEEE International Conference on Tools with Artificial Intelligence (ICTAI’98)*. Taipei, Taiwan: IEEE Computer Society Press, 1998, pp. 42–49. ISSN: 1082-3409.
- [16] Rainer Weigel, Boi Faltings, and Marc Torrens. “Interchangeability for Case Adaptation in Configuration Problems”. In: *AAAI Workshop on Case-Based Reasoning Integrations (AAAI-98). Technical Report WS-98-15*. Madison, Wisconsin, USA: AAAI Press, 1998, pp. 166–171.
- [17] Marc Torrens, Rainer Weigel, and Boi Faltings. “Constraint-based Algorithms in Java: the JCL”. In: *Working Notes of the Swiss Workshop on Collaborative and Distributed Systems*. Lausanne, Switzerland, 1997.
- [18] Marc Torrens, Rainer Weigel, and Boi Faltings. “Java Constraint Library”. In: *Proceedings of the 3rd International Conference on Principles and Practice of Constraint Programming*. Linz, Austria, 1997.
- [19] Marc Torrens, Rainer Weigel, and Boi Faltings. “Java Constraint Library: bringing constraints technology on the Internet using the Java language”. In: *Workshop on Constraints and Agents (AAAI97). Technical Report WS-97-05*. Providence, Rhode Island, USA: AAAI Press, 1997.

ACADEMIC ACTIVITIES

- **Tenure-track Lecturer certification** (“Professor Lector”) issued by the “Agència per la Qualitat del Sistema Universitari de Catalunya (AQU)” in 2004.
- **Conference Organization:**
 - General chair of the 4th ACM Conference on Recommender Systems, September 2010 in Barcelona, Spain.
 - Chair of the User Modeling, Adaptation and Personalization (UMAP), July 2010 in Girona, Spain.
 - Chair of the Workshop on Recommendation-based Industrial Applications, October 2009 in New York, USA.
- **Editorial Board** of the book “Collaborative and Distributed E-Research: Innovations in Technologies, Strategies and Applications”. Editors Angel A. Juan and Thanasis Daradoumis. February, 2012. IGI Publishing Hershey, PA, USA. ISBN: 9781466601253.
- **Program Committees:**
 - PC of the 1st International Conference on Predictive APIs and Apps, November 2014, Barcelona, Spain.
 - Senior PC of the 6th ACM Conference on Recommender Systems, September 2012, Dublin, Ireland.
 - Senior PC of the 5th ACM Conference on Recommender Systems, September 2011, Chicago, USA.
 - Senior PC of the 4th ACM Conference on Recommender Systems, September 2010, Barcelona, Spain.
 - Senior PC of the 22nd International Joint Conference on Artificial Intelligence (IJCAI) on July 16-22, 2011, Barcelona, Spain.
 - PC of the Workshop on Human Decision Making in Recommender Systems within the 6th ACM Conference on Recommender Systems, September 2012, Dublin, Ireland.
 - PC of the Behavioural Analysis and Personalization track of the World Wide Web 2012 (www2012) conference, April 2012, Lyon, France.
 - PC of the Workshop on Human Decision Making in Recommender Systems, September 2011, Chicago, US.
 - PC of the Workshop on Knowledge Extraction and Exploitation from semi-Structured Online Sources (KEESOS), 2011, Tenerife, Spain.
 - PC of the Workshop on NLP in the Enterprise: Envisioning the Next 10 Years, September 2010, Valencia, Spain.
 - PC of the Workshop on the Practical Use of Recommender Systems, Algorithms and Technologies, September 2010, Barcelona, Spain.
 - PC of the 11th ACM Conference on Electronic Commerce, June 2010, Harvard University, Massachusetts, USA.
 - PC of the 10th ACM Conference on Electronic Commerce, June 2009, Stanford, California, USA.

- PC of the 1st International Workshop on Adaptation, Personalization and REcommendation in the Social-semantic Web (APRESW), May 2010, Heraklion, Greece.
- PC of the 1st International Workshop on Mining Social Media (CAEPIA09), November 2009, Sevilla, Spain.

- **Invited Conference Talks:**

- Featured Speaker: “Building Incredible Customer Experiences with Artificial Intelligence” at the AI in Banking Summit, July 2017. <https://summit.abe.ai>.
- Invited speaker: “Is Democracy in Danger?”, Artificial Intelligence and Big Data in Political Elections by The Stanford School of Business and IE Business School in 2017. Paris, France.
- Invited speaker: “Analyzing data to offer relevant banking offers to customers”, FinTech edition of the API Hour at BBVA Innovation Center. March 2015.
- Speaker at the Industry day of the International Joint Conference on Artificial Intelligence (IJCAI 2011): “Top Lessons learned Developing, Deploying and Operating Real-World Recommender Systems”. July 2011, Barcelona, Spain. http://ijcai-11.iia.csic.es/program/industry_day.
- Speaker: “Recomendación y personalización en el ámbito de Internet.” at “Primer Seminario en Aplicaciones y Transferencia de la Inteligencia Computacional”. Universidad de Santiago de Compostela. September 7, 2011.
- Keynote speaker at Practical Use of Recommender Systems, Algorithms and Technologies, September 2010, Barcelona, Spain.
- Industry Panel at User Modelling, Adaptation and Personalization (UMAP 2009), June 2009, Trento, Italy.
- Invited talk: “Sistemas y experiencias prácticas de transferencia de conocimiento desde la investigación científica”, organized by ICMAB (Institut de Ciències Materials de Barcelona), CSIC. May 2009, Bellaterra, Spain.
- Invited speaker: “Els errors dels emprenedors” at Parc de Recerca de la UAB. April 2009, Bellaterra, Spain.
- Invited speaker: “Search, Recommendations and Personalization: text and beyond” at Telefónica Open Research Day. November 2008, Barcelona, Spain.
- Invited speaker: “OpenTaste” at Universitat Politècnica de València. February 2008, València, Spain.

- **Doctoral Dissertation Defense Committees:**

- Justin Donaldson, Indiana University, USA
- Claudio Baccigalupo, IIA-CSIC, Bellaterra, Spain
- Oscar Celma, UPF, Barcelona, Spain
- Victor Codina, UPC, Barcelona, Spain

REFERENCES

- Prof. Boi Faltings. Director of the AI Lab at the EPFL, Lausanne, Switzerland.
- Prof. Ramón López de Mántaras. Director of the IIA (CSIC), Barcelona, Spain.
- Prof. Esteve Almirall at ESADE, Barcelona, Spain.

EXTRACURRICULAR SERVICE

In 1993 I spent 6 months in a war refugee camp in Croatia to help war refugees from Bosnia and Herzegovina organising different activities on-site (social service equivalent to the military service). I was also involved in the preparation of expedition organized by the Universitat Autònoma de Barcelona (UAB). As a result of the experience, I wrote a chapter in the book “Refugiados en los Balcanes : una experiencia de solidaridad universitaria” by Juan Luis Marín Gutiérrez and Jordi Tolrà Mabilon edited by Fundació Autònoma Solidària (ISBN 978-8493281427).

MEDIA COVERAGE

- “De recomendador de canciones a aliado de la banca para vender mejor”, El Mundo, July 29, 2016. <http://www.elmundo.es/economia/2016/07/29/579b93a8e2704eaf288b45a8.html>
- “De Apple a la banca personal online”, La Vanguardia, January 15, 2012. <https://torrens.files.wordpress.com/2012/01/1a-vanguardia-dinero-15-ene-2012-page-22.pdf>. <https://torrens.files.wordpress.com/2012/01/1a-vanguardia-dinero-15-ene-2012-page-23.pdf>.

- “Apple Acquires 32 Patents Possibly Covering New Apps” by Patently Apple, October 24, 2011.
<http://www.patentlyapple.com/patently-apple/2011/10/apple-acquires-32-patents-possibly-covering-new-apps.html>
- TV Interview at “Cámara Abierta 2.0” RTVE. June 22, 2010.
<http://www.rtve.es/alacarta/videos/camara-abierta-20/camara-abierta-20-playa-moneystrands-presenttube/808520/>.
- Radio Interview at “Aragón Radio”. May 28, 2010.
<https://torrens.files.wordpress.com/2010/05/20100516-premios-webbys.mp3>.
- TV Interview at “Barcelona TV”. May 20, 2010.
<http://beteve.cat/un-premi-webby-va-a-parar-a-barcelona//>.
- TV Interview at “TV3 Espai Internet”. May 5, 2010.
<http://blogs.ccma.cat/espaiinternet.php?itemid=31501/>.
- Radio Interview at “Punto Radio”. May 5, 2010.
<https://torrens.files.wordpress.com/2010/05/puntoradiomarctorrens.mp3>.
- Radio Interview at “COM Ràdio”. May 6, 2010.
<https://torrens.files.wordpress.com/2010/05/marctorrenskomradio.mp3>.
- “The End User: Finding your tunes” at The New York Times, June 7, 2006.
<http://www.nytimes.com/2006/06/07/technology/07iht-ptend08.1914947.html>.
- “The Google of Music Has a Spanish Rhythm” at Wharton University of Pennsylvania. March 23, 2005.
<http://knowledge.wharton.upenn.edu/article/the-google-of-music-has-a-spanish-rhythm/>
- “Jeunes entrepreneurs romands récompensés”, Le Temps, January 29, 2002.
<https://torrens.files.wordpress.com/2009/04/letemps2002.pdf>
- “La startup Evosys crée le vendeur, aujourd’hui absent du e-commerce”, Le Temps, March 28, 2002.
<https://torrens.files.wordpress.com/2009/04/agefi2002-2.pdf>
- “i:FAO to Acquire Swiss Iconomic Systems SA”. March 6, 2001.
<https://www.ifao.net/cgi-win/ifao.dll?press~pressInfoDetail~74~eng~3>

LANGUAGES

Catalan	Native
Spanish	Native
English	Oral and written proficiency
French	Oral and written proficiency