


Francisco Javier Velázquez-García





 02-02-1982  Dual citizenship: Norwegian and Mexican
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Employment History

- 2017 – ...  **Extern PhD student at Simula Research Laboratory.** I have researched middleware mobility services for self-adaptive multimedia processing in ubiquitous computing environments. Oslo, Norway
- 2010 – ...  **PhD student at University of Oslo.** Research areas: Pervasive computing, adaptive multimedia systems, P2PSIP, process migration, socket migration. Teacher assistant for the courses INF1300, INF5090, and INF4331. I co-supervised 5 master students.
- 2018 – 2018  **Senior Scientific Programmer** Researched immersive visualization technologies for the oil industry. Oslo, Norway.
- 2014 – 2018  **Curriculum Manager for Varnish Software.** Major upgrade of The Varnish Book from Varnish 3 to Varnish 4. Pre-sales engineer, DIY CDN blue-print designer, technical writer, trainer, and speaker. Oslo, Norway.
- 2013 – 2015  **Board Member of Community Association.** Main project for facade renovation with a sum of \$1,355,255 USD. Oslo, Norway.
- 2007 – 2010  **Support Engineer for Colibria AS.** B2B IM Gateway Support to Mobile Operators such as TeliaSonera, Telefonica, America Movil, Avea and Elisa. Oslo, Norway.
- 2009 – 2009  **Practical Innovation Management Intern for Telio AS.** Marketing Positioning Research for the new VoIP Multimedia Device Telio Touch. Oslo, Norway.
 **Gründerskolen Intern for Astrob Ltd.** Undertaking Marketing Research for GPS Location Based Services in Latin America, as well as being advisor to introduce new Astrob's products to Latin America and North Europe. Shanghai, China.
- 2006 – 2006  **IT Consultant for TCDS S.A. de C.V.** Developed J2EE banking systems at Inbursa Bank (www.inbursa.com.mx). Mexico City.
- 2005 – 2005  **IT Consultant for Integrated Technology S.A. de C.V.** Project Manager for the Key Accounts Monitor System for The Coca-Cola Company, Mexico. System developed and successful implemented with J2EE, Hieibernate 3.0.2, Struts, DAO, and VO Patterns, HTML and Javascript Technology. Mexico City.
 **IT Consultant for Sinergy Solutions S.A. de C.V.** Implementation of C3 Monitor Account System for Salinas Elektra Group with J2EE, MVC, DAO, and VO Patterns, HTML and Javascript Technology. Mexico City.
- 2004  **Systems Engineer for BSTISZG S.A. de C.V.** Development of company's websites with PHP and Macromedia Flash 2004 MX Javascript.

Education

- 2008 – 2010  **M.Sc. Innovation and Entrepreneurship at University of Oslo.** [7].
- 2009 – 2009  **Gründerskolen Internship at Fudan University.** I was exchange student for 3 months as part of the Gründerskolen program. Shanghai, China.
- 2007 – 2007  **Computer Sciences Master Guest Student at University of Oslo.** 30 ECTS.
- 1999 – 2004  **Engineer in Telematics at National Polytechnic Institute of Mexico.** Specialized in Web Services in J2EE for Medical Institutions, Mexico City.

Skills

Programming	■ ANSI C, GStreamer, Emacs-Lisp, VCL (Varnish), Java, R, Python
Typesetting	■ L ^A T _E X, B _I B _T E _X , Biber, reStructuredText, Sphinx, Markdown, 472 CPM (96 WPM) touch typing speed
Databases	■ MySQL, SQLite, ORM, Liquibase
Tools	■ Emacs, Org mode, ESS, Autotools, GDB, Valgrind, git, awk, exiftool, mu4e
Operating Systems	■ Linux, macOS
Languages	■ Spanish (mother tongue), English (TOEFL cert.), Norwegian (Bergenstesten cert.), German (TestDaF cert.)

Research Publications

- 1 **Velázquez-García, F. J.**, Halvorsen, P., Stensland, H. K. & Eliassen, F. (2018a). Autonomic adaptation of multimedia content adhering to application mobility. In *Distributed Applications and Interoperable Systems (DAIS)*. doi:10.1007/978-3-319-93767-0_11
- 2 **Velázquez-García, F. J.**, Halvorsen, P., Stensland, H. K. & Eliassen, F. (2018b). Dynamic adaptation of multimedia presentations for videoconferencing in application mobility. In *IEEE International Conference on Multimedia and Expo (ICME)*. To appear. doi:978-1-5386-1737-3/18
- 3 **Velázquez-García, F. J.** & Eliassen, F. (2017). DAMPAT: Dynamic Adaptation of Multimedia Presentations in Application Mobility. In *Proc. of ISM*. doi:10.1109/ISM.2017.56
- 4 **Velázquez-García, F. J.**, Stigen Andersen, H., Vatne Hansen, H., Goebel, V. H. & Plagemann, T. (2013). SOCKMAN: Socket Migration for Multimedia Applications. In *The 12th International Conference on Telecommunications (ConTEL)*, Zagreb, Croatia. <http://ieeexplore.ieee.org/document/6578279/>
- 5 Hansen, H. V., **Velázquez-García, F. J.**, Goebel, V., Munthe-Kaas, E. & Plagemann, T. (2012). Migration of fine-grained multimedia applications. In E. Wohlstadter (Ed.), *Middleware '12 proceedings of the posters and demo track*. doi:10.1145/2405153.2405165
- 6 Hansen, H. V., **Velázquez-García, F. J.**, Goebel, V. & Plagemann, T. (2012). Efficient data sharing for multi-device multimedia applications. In C. Fuhrhop, S. Steglich & A. Jaokar (Eds.), *Proceedings of the workshop on multi-device app middleware*. Multi-Device '12. doi:10.1145/2405172.2405174
- 7 **Velázquez-García, F. J.** (2010). *Business Models for Telecom Challengers Using Fixed-Mobile Convergence As Competitive Advantage* (Master's thesis, Universitetet i Oslo).

Other Interests

Programming	■ FLOSS, Guile, Haskell, Common Lisp, Rust, iPython
Tools	■ Meson
Recreational	■ Cycling, orienteering, dancing, traveling