Marco Zanini

277 Ave. de la Division Leclerc   (0033) 67 385 3109   chetto87@gmail.com

Chatenay-Malabry, 92290, France   GitHub: mzanini

Innovative and involved software engineer with over three years of experience. Recognized high potential via bi-annual reviews. Fast and avid learner. Brought alternative and novel solutions to slowing projects. Perfectionist, takes pleasure in creating simple and beautiful information products, master in the art of code simplification. Excels in diverse and multicultural environments. Actively seeking new challenges.

Experience

Software Engineer, Schlumberger   February 2013 - Present
Paris region, France

- Integral part of a five person team developing communication software for operating Schlumberger's pressure and sampling tools. Implements UI-based workflow for testing and maintaining Schlumberger's logging tools.
  C++/Boost, TDD, C#, WPF, TFS, Visual Studio

- Converted Matlab processing library to C++, removing the need for purchasing Matlab licenses and halving execution time.
  C++, Matlab, Armadillo

- Scrum Master of a five person team. Led a 15 person team in adopting new technical practices resulting in improved code quality and efficiency. Increased unit test coverage by 50% on single components.
  Agile methodologies, Scrum, Extreme programming, TDD

- Delivered first version of mobile monitoring system for well testing equipment, developing all phases of the project life cycle. Constructed back-end and front-end software: Web Service and an Android application. Predicted savings up to $5,000/job via workload reduction and safety improvement.
  Requirement analysis, Financial impact analysis, Android, Java, C#, WCF, Android Studio, Gradle, Git

Researcher, The Irish Software Engineering Research Center (LERO)   October, 2011 – March, 2012
Limerick, Ireland

- Developed adaptive system to enhance security in cloud computing environments, using federated identity management and SaaS cloud computing services like Google Apps for Business. Project presented at IBM, Dublin.
  Java, Cloud Computing, Google Apps for Business, Shibboleth

Education

Master of Science, Computer Engineering   March 2010 – December 2012
Polytechnic University of Milan   *Grade: 109/110*

- "Dingo": developed software capable of installing and running programs on clusters of machines, keeping them synchronized via file transferring through SSH. Shared on GitHub: https://github.com/mzanini/dingo
  Java, SSH, Jsch

Bachelor of Science, Computer Engineering   September 2006 – March 2010
Polytechnic University of Milan   *Grade: 91/110*

- Thesis: "Analysis and benchmarking of high level synthesis applications".
  VHDL, C

- "DOSE Project": team development of an online multi-player game in collaboration with students from Ukraine and Switzerland. The project was launched by ETH Zurich.
  Eiffel programming language

Interests

Self Improvement   Getting Things Done, The Pomodoro Technique, Mindfulness meditation

Running, Swimming, Rock Climbing   Peak half marathon: 1h 40min

Web Development   Ruby on Rails: https://github.com/mzanini/sample_app

Nationality   Language Proficiency

Italian   **Italian**: Native   **English**: Full professional   **French**: Full professional