



Simone D'Avico

Education

- 2014–2016 **Master in Informatics**, *USI*, Lugano.
Focus on Software Architecture and Design
- 2011–2013 **Bachelor In Informatics**, *USI*, Lugano.

Master thesis

- title *BenchFlow Drivers (W.I.P title)*
- supervisors Prof. Dr. Cesare Pautasso, Vincenzo Ferme
- description The work is aimed at providing a framework for benchmarking a class of middleware known as workflow management systems. In particular, it provides facilities for automatic SUT deployment, and automatic generation of benchmarking drivers for user-defined goals and metrics.

Experience

- 2015 **Student Research Assistant**, *USI*, Lugano.
Primary developer of a module for OpenSMT 2
- 2014 **Intern Software Developer**, *HUGO BOSS SA*, Coldrerio.
Design and development of internal applications
Research and application of modern web development technologies

Skills

- Knowledgeable in Java, Python, HTML5/CSS3, JavaScript, C++.
Good knowledge of functional languages (Haskell), and especially interested in hybrid languages (Scala). I am passionate about picking up and learning new languages.
- Knowledgeable in established development frameworks, libraries, and tools for both back end and front end development (Guava, Apache Commons, Hibernate, AngularJS, NodeJS ...)
- Particular interest in learning and combining different **programming paradigms** to achieve goals in the cleanest and most elegant way
- Comfortable with development in **open source** environments; I am used to evaluate the quality of an open source solution, and contribute by adding missing features when necessary
- Able to work on shared projects in a team through version control, especially with the **git** workflow

Professional Attitude

- Always striving to find the approach that leads to a clean and maintainable solution
- Used to management of both short term single projects and long term team projects

Additional Informations

- **Students' representative** for the USI INF faculty during the academic year 2015/16

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