

Edouard Swiac

124 Dolores Street
94103 San Francisco, CA
USA

415-373-2433
edouard.swiac@gmail.com

- EDUCATION**
- ▷ **SUPINFO International University**, San Francisco, CA.
M.Sc in Computer Science, expected November 2011.
Thesis: *Integration of software components in a distributed Erlang system*.
 - ▷ **Dominican University of California**, San Rafael, CA.
Certificate of Management and Marketing of IT, expected November 2011.
 - ▷ **SUPINFO International University**, Paris, France.
B.Sc in Computer Science, November 2010.
Focus on software engineering, web applications and distributed systems.
- SKILLS**
- Polyglot programmer in Erlang, Java, PHP, Python.
Web application development: HTML5, CSS3, Javascript/JQuery.
Working knowledge of HTTP/REST, SQL/NoSQL databases, AMQP, git, Linux.
Exposure to Agile development, Cloud computing, distributed systems.
- WORK EXPERIENCE**
- ▷ **Erlang software developer**, 2600Hz, San Francisco CA (April 2011 - *October 2011*)
Development of Erlang/OTP modules for *Whistle*, an open-source distributed VoIP platform. Usage of AMQP messaging with RabbitMQ. Implemented RESTful interfaces in Erlang modules for a language agnostic configuration of the platform. Writing of Unit tests and wiki documentation.
 - ▷ **Java software developer**, Agendize, Troyes France (November 2010 - March 2011)
Partial implementation of CalDAV (RFC 4791) in the company's calendar software using Java 6.
 - ▷ **Java software developer**, Sellermania, Paris France (July 2010 - October 2010)
Developed a Java heuristic that improves the pricing frequency and accuracy of products sold on Amazon France, UK and Germany websites by 104%, increasing daily repricing capacity from 20 million to 208 million items.
 - ▷ **Javascript SDET associate**, 4D/Wakanda, Paris France (February 2010 - June 2010)
Wrote tests cases and use cases for the javascript framework shipped with the RIA platform.
 - ▷ **PHP software developer**, Usine23, Troyes France (July 2008 - January 2010)
Developed a software solution based exposing a REST interface which streamlines sales on major e-commerce channels. Integration of Amazon Seller Central's SOAP API and eBay Seller's SOAP API. Processing of 7000 items through the APIs, stock synchronization between three marketplaces, order import.
- COMMUNITY**
- Creator and leader of the SUPINFO San Francisco Java usergroup. Talks on Continuous Integration and Unit Testing.
- Created a web application for SUPINFO alumni, as a participation to the school's best student project challenge. Used Python, Django, nginx, PostgreSQL.