

Edouard Swiac

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- EDUCATION ▷ **SUPINFO International University**, San Francisco, CA.
M.Sc in Computer Science, expected November 2011.
Thesis title: *Distributing and scaling VoIP services using Erlang*.
- ▷ **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.
Working Knowledge of HTTP/REST, SQL/NoSQL, AMQP, git, Linux.
Exposure to Agile development, distributed systems, scalability.
- WORK ▷ **Erlang software developer**, 2600Hz, San Francisco CA (April 2011 - *October 2011*)
EXPERIENCE Development of Erlang modules for *Whistle*, an open-source distributed VoIP platform.
Usage of AMQP messaging using RabbitMQ. Added RESTful interfaces to Erlang modules
for a language agnostic configuration management 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) for the company's calendar software using
Java 6.
- ▷ **Java software developer**, Sellermania, Paris France (July 2010 - October 2010)
Developped 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 plat-
form.
- ▷ **PHP software developer**, Usine23, Troyes France (July 2008 - January 2010)
Developed a software solution based on a REST web service which streamlines the com-
panys sales on main e-commerce channels. Integration of Amazon Seller Central's SOAP
API and eBay Seller's SOAP API. Solved the batch processing of 7000 products through
the APIs, stock synchronization between three marketplaces, external orders import and
integration. External sales increased sales by 40%.
Trained the technical team on different PHP and software engineering subjects (design
patterns, SPL, REST).
Designed and developed a RESTful API in PHP to open the companys online retail web-
site, www.goostor.com, to external sellers.
- COMMUNITY Creator and leader of the SUPINFO San Francisco Java usergroup. Talked on Continuous
Integration and Unit Testing.
- Created a web application for SUPINFO alumni, as my participation to the school's best
student project challenge. Used Python, Django, nginx, PostgreSQL.