

# Edouard Swiac

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- OBJECTIVES**    ▷ **Software engineer** seeking opportunities in Cloud computing, distributed programming and web applications development.
- EDUCATION**    ▷ **SUPINFO**, San Francisco, CA.  
MS Computer Science, November 2011.  
Thesis: *Integration of software components in an heterogeneous distributed environment*.
- ▷ **Dominican University of California**, San Rafael, CA.  
Certificate of Management and Marketing of IT, November 2011
- ▷ **SUPINFO**, Paris, France.  
BS Computer Science, November 2009.  
Focus on software engineering, web applications development and distributed systems.
- SKILLS**            Proficient in Erlang and Java, intermediate level in Ruby, learning Scala.  
Web development: Django, Rails, HTML5/CSS3, JQuery.  
Technologies: HTTP, REST (+API design), SQL/NoSQL (MySQL, PostgreSQL, CouchDB), RabbitMQ/AMQP, git, Linux.  
Exposure to Agile development, TDD/BDD, distributed systems.
- WORK EXPERIENCE**    ▷ **Erlang software developer**, 2600hz, San Francisco CA (since April 2011)  
Erlang development for *2600hz*, an open-source distributed VoIP platform, using AMQP, FreeSWITCH, BigCouch, OpenSIPs. Created REST APIs for the platform and a Ruby gem. Worked on the integration of *2600hz* with Microsoft's real-time communications server Lync Server.
- ▷ **Java software engineer**, Agendize, Troyes France (November 2010 - March 2011)  
Partial implementation of CalDAV (RFC 4791) in the company's calendar software using Java EE 6.
- ▷ **Java software engineer**, 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.
- ▷ **Javascript SDET**, 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 engineer**, Usine23, Troyes France (July 2008 - January 2010)  
Developed a software solution exposing a REST interface which streamlines sales and export/import on major e-commerce websites. Integration of Amazon Seller Central's SOAP API and eBay Seller's SOAP API with the backend and frontend.
- COMMUNITY**        Creator and leader of the SUPINFO San Francisco Java usergroup while at school, comprising 10 members. Gave 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.