

# Matthieu Corageoud

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## SUMMARY

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Computer engineer with a global experience in computer sciences, comfortable with small and big projects. Involved in the development of a 220k lines web application with unit tests, integration tests and documentation. Ready to offer my experience in software development especially in web environment in any language and architecture.

## PROFESSIONAL EXPERIENCE

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- 2014 - **Rodanotech SARM, Geneva, Switzerland** Lead software engineer
- Leadership of the IT branch of the company.
  - Maintenance of existing applications.
  - Management of virtual servers on Google Compute Engine, Amazon AWS and a local provider.
  - Creation of a set of shell scripts driven by a website written in Python dedicated to the deployment of applications on production servers, relying on Google APIs to manage users rights and application logs.
  - Development of a Python application hosted on Google App Engine to monitor company's websites.
  - Setup of quality-oriented development processes.
  - Collaboration with a consultant for the migration of the main application to AngularJS over a REST API.
  - Lead a consultant in the development of a new AngularJS application to make configuration of trials easy.
- 2009 - 2014 **Rodanotech SARM, Geneva, Switzerland** Software engineer
- Development of a web based application dedicated to clinical trials management written in Java/SQL using Tapestry/Cayenne frameworks.
  - Development of a full Javascript application (50k lines) to manage configurations of trials.
  - Creation of a timeline graph using SVG/Javascript.
  - Involved in the setup and maintenance of the company servers architecture based on VMWare ESXi and custom hardware.
  - Migration of a large part of the application to a REST API using Jersey framework.
  - Setup of two-factor authentication using TOTP algorithm.
  - Involved in the migration of source code from SVN to GIT and in the update of related processes.
- 2008 - 2009 **Serial SA, Perly, Switzerland** Computer engineer
- Consultant at Rodanotech SARM.
  - Member of the support team providing help for general computer and programming issues.
  - Creation of the website of an insurance company using Drupal with custom developments in PHP and Javascript.
- Feb. 08 to Jul. 08 **Richemont International, Chavannes-de-Bogis, Switzerland** Trainee
- Analysis of the e-procurement process.
  - Development of an intranet in PHP relying on a MySQL database used to manage software licenses on a load balancing architecture.

Sept. 06 to Feb. 07 **LAPP, CNRS, Annecy, France** Trainee

- Setup of OCS Inventory and GLPI to gather informations about all devices of the laboratory, relying on an Active Directory script.
- Creation of a web based application in PHP/Javascript to gather automatically collected data and data from the procurement department.

## SKILLS

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General	Resourceful, creative, knowledgeable of IT as a whole.
Languages	Whatever needed, particularly good level in Java, fluent in Javascript, beginner level in Python and Bash.
Databases	SQL, CouchDB
Tools	SCM: Git, SVN; Web server: Nginx, Apache; Java: Maven, Sonar; Other: NodeJS.
Frameworks & API	Java: Tapestry, Cayenne, JAX-RS; Python: Tornado; Google OAuth & Spreadsheet API.
Environments	Android, OpenWRT, and traditional OS.

## EDUCATION

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2005-2008	Computer engineer degree in Université de Technologie de Belfort Montbéliard.
2003-2005	2 years full-time higher education, preparing for the competitive entrance exams to the French Schools in Engineering and Science in Annecy/Chambéry.
2003	Baccalauréat S: Scientific, in Engineering, emphasis on Physics.

## OTHER

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Languages	French, English
Birth date	06 July 1985