

ROMAIN BUTTEAUD

#CS #data-mining #full-stack-developer

Experience

- 07/2014** **Apple, Inc - Software Engineer Intern** — Cupertino, California, USA
- 12/2014 Worked within the Cloud Services Localization group as a software engineer intern.
- Language Technologies Engineer for Siri, supporting the natural language team to improve the general understanding of Siri using Natural Language Processing methods.
Techniques: NLP
- 09/2012** **Apple, Inc - Software Engineer Intern** — Cupertino, California, USA
- 09/2013 Worked within the Cloud Services Localization group as a software engineer intern.
- Responsible for designing, maintaining and improving internal web applications. Data-mining, parsing and normalization of large datasets, creating and optimizing data warehouses, generating statistics to improve decision-making and rendering the data in user-friendly interfaces.
Techniques: Ruby on Rails, PostgreSQL, Backbone.js, Data-mining, Statistics
- 04/2011** **PCM Assistance - Software Engineer Intern** — Nancy, France
- 07/2011 Built from scratch a customer support web application for the data recovery activity of the company. Integration with existing management tools to enable customers to go online to track the progress of their recovery operation.
Techniques: Ruby on Rails, MySQL, jQuery.
Reference: Mickaël Jenft - mjenft@pcm-assistance.fr
- 04/2010** **Renault - Software Engineer Intern** — Nancy, France
- 07/2010 Created a web application to manage orders, delivery and management of sales for the three car dealers of the group.
Techniques: PHP, MySQL, Javascript.
Reference: Eric Fourmaux - eric.fourmaux@estautomobiles.fr

Education

- 2011** **M.S in Computer Science, UTC** — Compiègne, France
- 2014 Université de Technologie de Compiègne.
Specializing in data mining, statistical modeling and data warehousing.
- 2009** **Two-year Degree in Computer Engineering** — Nancy, France
- 2011 University of Nancy, IUT Nancy-Charlemagne.

Skills

Frontend

Backbone.js, AngularJS, HTML5, CSS3, SASS, LESS, Bootstrap, Haml, Slim, jQuery, CoffeeScript

Backend

Ruby on Rails, Symphony

Databases

PostgreSQL, MySQL, Oracle, PL/SQL, ODBC/JDBC, XML

Techniques

MVC architecture - Object-oriented programming - Adaptability to different programming languages - Analysis and design of information systems (MERISE, UML) - Natural language processing (NLP) - API designing - Ruby gems

General

Strong analytical and problem-solving skills.
Contribute to open source projects.
UI/UX lover, attention to details.
Deeply passionate by new technologies and what can make the world a better place.

Programming Languages

Ruby, Python, Perl, R, Java, C, C++, Objective-C

Data Mining

Data scraping, Machine learning (Bayesian classification), Statistical modeling (using R)

Data Warehousing

ETL, star schema, data marts, data visualization, Pentaho, BIRT

MAIL

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WEB

www.romainbutteaud.com

GITHUB

www.github.com/romainbutteaud

SECURITY RESEARCHER

Awarded by Coinbase.com security team for finding multiple security vulnerabilities in their website.
www.hackerone.com/coinbase/thanks

IT DEPARTMENT COUNCIL

Student representative to the IT department council of the UTC.
2011 - 2013

ADMINISTRATIVE COUNCIL

Student representative of the IT Department in the administrative council of the IUT Nancy Charlemagne.
2009 - 2011

STUDENTS ASSOCIATIONS AT UTC

Member and responsible for a few students associations at UTC (project management, organizing events...)
Don'UTC - charity association
Festupic - university theater festival
Imaginarium Festival - music festival

FRENCH

Mother tongue

ENGLISH

Fluent

SPANISH

Notions

MANDARIN CHINESE

Notions, in learning