

# Thomas Charbonnel

SOFTWARE ENGINEER

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## Summary

Software Engineer with a knack for linguistics and languages. I have been toying around with Ruby for a few years and have been playing with Elixir and Scala more recently. I code on OS X with a mix of Vim, tmux, fish and git.

## Work Experience

### HelperChoice

Mong Kok, HONG KONG SAR 🇭🇰

JUNIOR BACKEND ENGINEER

Nov. 2016 — Feb. 2017

- Maintained and monitored a Ruby on Rails website
- Developed a Mailchimp/Mandrill synchronization extension
- Created a Wordpress-statifying script in Ruby

### ANSSI (French Networks and Security

#### Agency)

Paris, FRANCE 🇫🇷

INTERN

Apr. 2015 — Jan. 2016

- Developed a static search engine in Python (index generation) and Javascript (engine)
- Created a Redmine plugin

### University of Nevada in Las Vegas

Las Vegas, NV, USA 🇺🇸

INTERN

Apr. 2014 — Aug. 2014

- Developed a website (C#/ASP.NET, jQuery, Bootstrap, leaflet.js) displaying car accidents for the Nevada Police Department
- Designed the database schema for said project

## Education

### DTU (Technical University of Denmark)

Lyngby, DENMARK 🇩🇰

EXCHANGE SEMESTER

2016

- Machine Learning and AI
- Algorithms for Massive Data Sets
- Distributed Systems

### EFREI

Paris, FRANCE 🇫🇷

M. SC. IN COMPUTER SCIENCE

2010 — 2016

- Major in Networks and Security
- Part of EFREI's Robotics team
- President of EFREI's newspaper in 2012

### San José State University

San José, CA, USA 🇺🇸

INTERNATIONAL IMMERSION

2012

- Networks and Protocols
- Operating Systems
- Entrepreneurship

## Technical Skills

**Dev (jedi)** Ruby, Ruby on Rails, C, LaTeX, SQL (PostgreSQL)

**Sys Admin (jedi)** zsh, vim, Ubuntu

**Dev (padawan)** Scala, C#, Python, jQuery, R, Java

**Sys Admin (padawan)** git, nginx, Docker, Heroku, FreeBSD

**Dev (initiate)** Go, Elixir

## Languages

**French** 🇫🇷 Mother tongue

**English** 🇺🇸 Fluent, TOEIC 965 / 990

**Danish** 🇩🇰 Working knowledge

**Italian** 🇮🇹 Working knowledge

**Spanish** 🇪🇸 Basic

**Esperanto** Basic

## Interests

- Linguistics
- Literature
- Philosophy
- History
- Language learning

