

Karim Hamidou

Summary

Recent college graduate with a major in Computer Science.

Experience contributing to and **running** open source projects.

Four years of experience with Python, including three using Django.

Ran for a year the association managing my college's student clubs.

Education

2008–2013 **Software Engineering degree**, *Université de Technologie de Compiègne*, France.

2007 **Baccalauréat Scientifique Mention Bien**, *Lycée Bossuet Notre Dame*, Paris.

Experiences

07/2013–
12/2013 **Engineering intern**, *Microsoft Corporation - Xbox Music*, Paris.

Worked on the backend services used to generate and serve personalized music recommendations. I designed and wrote the recommendation filtering and storage code. The service is in production and serves personalized music for 115 dogfooding users.

09/2011–
02/2012 **Engineering intern**, *Institut de Recherche et d'Innovation (Centre Pompidou)*, Paris.

Conceived and implemented a modular video player for the web. It is written in modern Javascript. An exemple can be seen [here](#).

During the course of this project, I contributed to the [PopcornJS](#) project by writing a plugin to support flash video playback.

Summer 2008 **Summer Programming Intern**, *Studec, SA*, Paris.

Worked on a documentation management J2EE application. Fixed bugs and various defects.

Projects

2014 **Octave Guitars**.

An online guitar shop. Customers configure their guitar online and we build it according to their specs. You can see a demo of the configurator [here](#).

2013 **Kite, a modern webmail**.

It is written in Javascript (with AngularJS) and Python. It uses [puppet](#) for its setup.

See <http://kiteapp.io> for more informations.

Computer skills

Programming languages Python, Javascript, C, Scheme, SQL, Java, C#, Prolog

Tools Unix, Git, Automated testing, Puppet

Languages

English Good. European level C1.

French Mother tongue

Spanish Correct. European level C1.

Arabic Mother tongue