

Amandine Jala

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Objective: To find a **summer internship for June-September 2017** where I can apply my skills, and gain more experience.

Education

King's College London, UK

Expected 2019

- MSci Robotics and Intelligent System (Computer Science), 2nd year
Relevant modules: Programming (Java, C++), Data Structures, Introduction to AI
Current grade: 85%

University of California, Berkeley, USA

2015

- Business Administration Major
Exchange Program, GPA 3.648

University of Bordeaux, Bordeaux, France

2011 to 2014

- Bachelor in Economics and Business Administration, European Economics and Policy
High Honours, 16.185/20

Skills

Computer languages

- Java – *around 5,000 lines*
- Python – *self-taught, around 500 lines*
- C++ – *learning, around 500 lines*
- HTML/CSS – *used to create personal website*
- Javascript – *used to create personal website and during previous internship experience*
- SQL – *learnt theory during Database Systems module*
- C – *self-taught before starting the academic year*
- Assembly – *learnt during Computer Systems module*
- C# – *used during previous internship experience*
- Scala – *started during Practical Experiences of Programming Module*

Software

- IDE/Editors: IntelliJ, Sublime Text 2, vim
- Graphic: Photoshop CS5, Gimp 2.0, Unity 5

Operating Systems

- Linux Xubuntu, Linux Mint
- Windows XP, Vista, 7, 8, 10

Languages

- French: Mother tongue
- English: Fluent, IELTS 8.0
- Japanese: Intermediate

Experience

Developer Intern, R/GA, London

August – September 2016

- Participated in definition phase of Dubai Holdings and Galerie Lafayette projects
- Made different prototypes involving Augmented Reality
- Studied and implemented different AR technologies (Vuforia, Wikitude, Zappar)
- Languages & Softwares: Java (Android), C#, Unity

Developer Intern, Launch22, London

June – July 2016

- Optimised existing SquareSpace website
- Increased pages load time by 2s on average
- Implemented form autocompletion with Facebook sign up
- Installed Node.js server to work locally on website
- Implemented social networks share buttons to blog articles and events
- Wrote auto-executive scripts in Javascript for Google Adwords
- Increased number of clicks by 50%

Codestar with Google and Rare, Development programme

April – September 2016

- Programme in session with coaches
- Participate in coding workshops
- Develop coding skills: tests, debugging, others languages (self-teaching)

Projects

C++ – Sudoku solver, Coursework for Practical Experiences of Programming Module

- Built a terminal application that can solve any Sudoku
- Implement Breadth-First-Search and Best-First-Search
- Solve 95 of the hardest Sudoku in less than 10 seconds

Java – Shark tracking application, Group work for Programming Application Module

- Built an application working with OCEARCH's shark tracking data
- Allow the user to search for sharks given specific filters (time frame, gender, stage of life, tag location)
- Allow the user to 'follow' a shark and display a list of favourite sharks
- Allow multi-user profiles
- Display statistics about the types of shark present in a given time period
- Display a map that depicts the geographical location of followed sharks

Java – Camera from "The Martian", Pair-programming for Programming Application Module

- Programme accepting series of words written in Latin alphabet and translating them into hexadecimal, then it outputs them to a graphical representation of the rover's pointing camera mechanism

Java (Android) / JavaScript (Web app) – Smash Up Team Prep, Personal Project

- Allow users to enter their name and have roles distributed randomly for Smash Up board game

General Activities

Wing Chun Kung Fu – Society Member

King's Robotics – Committee Member