Alexandre Benoit

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EDUCATION

IMPERIAL COLLEGE LONDON
MEng, Electrical and Electronic Engineering
2012 - 2016 | London, UK
Graduated with Honors
Thesis: Visual SLAM for Autonomous Flight of Miniature Aerial Vehicles

ÉCOLE JEANNINE MANUEL
French Scientific Baccalaureate with International Option
1999 - 2012 | Paris, France
Graduated with First Class Honors

SKILLS

PROGRAMMING LANGUAGES
Proficient:
Ruby • Ruby on Rails • HTML • CSS/Sass
JavaScript (Vanilla, jQuery, React) • C/(C++)
MATLAB • ARM Assembly • LaTeX
Familiar:
Python • Prolog • Shell • SQL • (Go)

TECHNOLOGIES
Linux (Ubuntu, Solus, Elementary) • AWS
Heroku • PostgreSQL • Redis • Cisco's IOS
VMware's vSphere suite • ESXi • Git • Zsh

HARDWARE
Arduinos • Raspberry Pis • Odroid boards
IoT • FPGAs • PIC microcontrollers • Servers
Switches and Routers (Cisco, Hp, Dell)

SPOKEN LANGUAGES

English (fluent) • French (fluent)
Spanish (intermediate)

HONORS & AWARDS

ACADEMIC
- EE Department Best 1st Year Project
- Imperial Entrepreneurship Project 1st place

HACKATHONS
- Imperial College EESoc Hackathon '15
- Leisure Hack London 3rd place '16
- Launchpad Weekend '17

CERTIFICATIONS
- Cisco CCENT, CCNA (Routing & Switching)
- Spanish DELE level B2

WORK EXPERIENCE

LE WAGON CODING SCHOOL | Developer & Teacher
Nov 2016 – Present | London, UK
- Ruby and Rails full stack developer with use of React Native
- Lead teacher at the leading European coding school (Ruby & Rails)
- Assisting with the development of students' technical projects

ENTREPRENEUR FIRST | Startup co-founder & CTO
Oct 2016 – Jan 2017 | London, UK
- Part of Europe's leading pre-seed investment programme
- Built and led as CTO an automated product data processing engine for brands and their distributors

VMWARE | Systems Engineer (SDDC)
May 2015 - Oct 2015 | Paris, France
- Managed a data center used by VMware's presales and technical product specialist teams for customer demonstrations
- Installed servers and networking gear, migrated all of VMware products and services to vSphere 6.0, maintained the data center and assured platform availability

CISCO | Systems Engineer
June 2014 – Sept 2014 | London (Bedfont Lakes), UK
- Developed additional technical sales opportunities with Cisco account managers on ten global accounts
- Specialized in IoT, advanced network features and collaboration
- Completed CCENT and CCNA certifcations in Routing & Switching

CISCO | Student Ambassador
Sept 2014 – June 2015 | London, UK
- Point of contact with Cisco to increase its presence at Imperial College
- Organised and executed tech talks, workshops and events

E.QUINOX | Head of Operations & Project Evaluation
Feb 2013 – Sept 2014 | London, UK
- Elected into the executive committee of a student-led humanitarian organization electrifying rural regions of Rwanda and Tanzania
- Prevented issues relating to existing installations and evaluated projects' sustainability
- Participated in the annual expedition to Rwanda

FIRE TECH CAMP | Teaching Assistant
July 2013 – Aug 2013 | London, UK
- Founding TA in a leading UK tech summer camp for teenagers specialised in Video Game Design and Mobile Application Development
- Supervised the design and development of many games and mobile apps built individually by teenagers

FRENCH SPACE AGENCY | Intern
May 2010 | London, UK
- Interned at the French Space Agency (CNES) overseeing space exploration programs at various stages of development