



OTHMANE AJDOR

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Grenoble, France

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Software Development & Systems Engineer

Apprentice Systems Engineer at EDF with hands-on experience in the design and development of industrial solutions, I am currently looking to join a company as a software development engineer. I specialize in Python, C++/Qt, Rust and Java, in addition to various Web technologies and backend languages such as TypeScript, JavaScript and NodeJS.



WORK EXPERIENCE

SOFTWARE AND SYSTEMS ENGINEERING APPRENTICE

Apprenticeship

Sep 2017 – Aug 2020

EDF – Hydraulic Engineering Center (Centre d'Ingénierie Hydraulique) – Grenoble

- > Design and development of computer systems in C++/Qt and Python for remote control of hydraulic power plants.
- > Implementation of a water level regulation system for hydraulic power plants in C++, which went into operation in July 2019.
- > Design and implementation of a display forwarding solution based on C++/Qt.
- > Integration, test and validation before deployment of management, simulation and automation tools for the control of power plants.

IAM ARCHITECT & DEVELOPER

2 months internship followed by a 3 months fixed-term contract

Apr 2017 – Aug 2017

CERBERIS – Management Information Systems – Grenoble

- > Development and deployment of identity management solutions in C# on Microsoft Identity Manager and Centrify.
- > Design of security management architectures and user privilege elevation.
- > PoC (Proof of Concept) setup for various identity management solutions.

START-UP FOUNDER

June 2011 – Jan 2014

NORTHSERV – Web hosting services – Morocco

- > Founded a Startup specialized in Web hosting, VPS, Domain Names, Dedicated Servers and Web Services.
- > In charge of servers administration and providing technical support.



EDUCATION

APPRENTICE SOFTWARE ENGINEER

Sep 2017 – Aug 2020

INP ENSIMAG – Embedded Systems & Connected Objects – Grenoble

- > Development of an operating system kernel based on the C language on an Intel x86 architecture.
- > Development of a Java compiler of an abridged version of the Java language.
- > Design and development of an optimization of supply chains and short supply chains Java application
- > 3rd year specialization in embedded systems and IOT (SEOC) at ENSIMAG.

NETWORKING AND TELECOM TECHNOLOGY DEGREE (DUT)

Sep 2015 - June 2017

IUT 1 - Grenoble Alpes University (UGA) – Grenoble

- > Design and development of a web interface to manage Subversion projects and repositories in Django and Python.
- > Development of a Battleship game in Python with a graphical user interface.
- > Organization and participation in a contest between artificial intelligence in the Battleship game.



SKILLS

LANGUAGES & FRAMEWORKS

- > C/C++, Python, Java, Rust, Assembly, TypeScript, Javascript
- > Qt, Django, NodeJS, HTML/CSS, Bootstrap
- > Oracle, MySQL, PostgreSQL, MongoDB

SERVICES & ENVIRONMENTS

- > API REST, Web Services, DevOps
- > Linux, Docker, Podman
- > Git, Subversion, Android



LANGUAGES

ENGLISH

- Fluent
- TOEIC Score (in 2019): 975/990

FRENCH

- Fluent

ARABIC

- Fluent



INTERESTS

SWIMMING

VIDEO GAMES