Duy-Khoi Le

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GitHub: https://github.com/alvyn279/ | **Website:** https://alvynle.me

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems │ Windows • Ubuntu • openSUSE • CentOS/Red Hat • Linux/Unix

Applications │ Microsoft Office • IntelliJ • PyCharm • MobaXterm/SSH • Vim • VirtualBox

Programming│ Java • Python • C++ • Shell/Bash • JavaScript • PHP • HTML • CSS • Git • JSON/XML

Databases │ MySQL • MongoDB • SQLite

Platforms and Frameworks│ Django • Node.js • React • TestNG • Nginx • HTTP • pytest

Other│ Jenkins • Gerrit • Jira • GitHub • AWS • CircleCI • Raspberry Pi 3

Languages │ French - Spoken & Written • English - Spoken & Written

EDUCATION

Bachelor of Engineering – Software Engineering Co-op   **2016-2020 (Expected)**
Concordia University, Montreal, QC
- Member of the Institute for Co-operative Education
- GPA 3.76/4.30
- Relevant Courses: Software Architecture and Design, Data Structures and Algorithms, Object-Oriented Programming II, Web Programming

Mechanical Engineering (31.75 credits)   **2016-2017**
Concordia University, Montreal, QC

DEC in Pure and Applied Science   **2014-2016**
Vanier College, St-Laurent, QC
- Honor Roll Student (2016)

WORK EXPERIENCE

Software Developer Intern   **January 2018 – May 2018**
Ericsson, Montreal, Canada – License Management
- Developed and improved core features for a Django web-based application serving as tool for the continuous integration and testing of the License Management software
- Interacted with Jenkins REST API and Jenkins job configurations through Python scripts to fetch relevant data pertaining to the product's development
- Enhanced the website's UI and its office radiator based on requirements

Core Competencies: Use of complete workflow for website deployment, Code optimization

Software Developer Intern   **May 2018 – August 2018**
Ericsson, Montreal, Canada – Media First Delivery Node
- Developed and validated test cases in the Java-based functional testing (FT) framework of the product
- Contributed to the software's Management API by reducing code duplication in Shell scripts and participating in production code review through Gerrit
- Set up the product's continuous integration through implementation of Jenkins jobs
- Applied Agile practices by participating in daily scrums and following a Jira Kanban board as a backlog

Core Competencies: Agile development, Linux VM-based development, Mentoring

PROJECTS

Wi-Find (Personal)   **Summer 2017**
- Implemented a dynamic website allowing users to view Wi-Fi spots on an interactive map using Google Maps JavaScript API
- Developed a registration system and backend structure with MySQL and PHP

Personal Website (Personal)   **Summer 2017**
- Developed and deployed a static personal website showcasing myself and my hobbies

Question & Answers Website (School)   **Winter 2018**
- Developed a full-stack Django web application in an 8-member Agile team throughout the course of 4 sprints

WarHacks 2019 Registration System (Event)   **Fall 2018**
- Acted as one of the webmasters in the development of a Node.js application for the registration of participants to *WarHacks 2019*, a hackathon held for approximately a hundred CEGEP students
- Deployed website through AWS with the use of **EC2**, **S3**, **SES**, and **Lambda** for features such as HTTPS traffic and an incoming/outgoing mailing system

Library Management System Website (School)   **Fall 2018**
- Developed a full-stack Node.js and React web application for the loan and management of library items

AWARDS & DISTINCTIONS

ENCS Entrance Scholarship, Remarkable performance in CEGEP   **Fall 2016**

VOLUNTEER WORK

Multi-Tasking Volunteer   **January 2017**
ConUHacks II 2017 Hackathon, Concordia University
- Distribution of food to all 600 participants throughout the two days
- Oversee the participants in the tutorials given by the companies