

ALVYN DUY-KHOI LE

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EDUCATION

Concordia University
BEng Software Engineering *Co-op*

Montreal, Canada
August 2016 - May 2020

WORK EXPERIENCE

INEAT Canada Inc.
Full Stack Developer Intern

Montreal, Canada
May 2019 - Present

- Developing core visuals and REST API interactions for a mobile application in React Native integrated with Redux while ensuring their functionality with unit and end-to-end tests
- Refactoring outdated legacy JS code into ES6 standards
- Acted as primary contact point for the maintenance and deployment of existing iOS and Android solutions used by hundreds of clients daily

Ericsson
Software Developer Intern - MediaFirst Delivery Node

Montreal, Canada
May 2018 - August 2018

- 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 code review through Gerrit

Ericsson
Software Developer Intern - License Management

Montreal, Canada
January 2018 - May 2018

- 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

SKILLS

Programming Languages: Java, Python, JavaScript (ES6), C++, Go
Frameworks: React, Django, Redux, React Native, MongoDB, HTTP REST, AWS, Spring
Courses: Design Patterns, Object-Oriented Programming, Data Structures

PROJECTS

Graphelier - Capstone Engineering Project *React, MongoDB, Go, AWS*
<https://github.com/Lercerss/graphelier>

With Squarepoint Capital as a stakeholder, developed an open-source visualization tool used to compress gigabytes of market data into a fast, responsive, and compact interface.

AntennaPod *Java, Android, Django*

Forked off a robust open-source Android mobile application and enhanced it with new features in Java such as the development of a Python REST API to service a user authentication system.

WarHacks 2019 Registration System *Node, AngularJS, MongoDB, AWS EC2, S3, SES, Lambda*

Acted as webmaster of an application developed for the registration of participants to WarHacks 2019, a hackathon held for approximately a hundred CEGEP students.

Developed features such as a serverless function with Lambda to redirect incoming public email traffic to a single mailbox and a microservice to handle the distribution of text messages from a dashboard to the users of the system.

AWARDS

Concordia ENCS Entrance Scholarship

Awarded to first-year students with exceptional academic standings in CEGEP

August 2016