

ALVYN DUY-KHOI LE

SOFTWARE ENGINEER

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Portfolio · GitHub

EDUCATION

Concordia University
BEng Software Engineering *Co-op*

August 2016 - May 2020

WORK EXPERIENCE

Amazon Web Services (AWS)
Software Development Engineer Intern

June 2020 - Present

INEAT Canada Inc.
Full Stack Developer Intern

May 2019 - January 2020

- Developing core visuals and REST API interactions for a mobile application in React Native integrated with Redux
- 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

May 2018 - August 2018

- Refactored the team's in-house API by reducing code duplication in Shell scripts and reinforced coverage of the Java functional testing framework

Ericsson
Software Developer Intern - License Management

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

SKILLS

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

PROJECTS

Graphelier - *React (TypeScript), MongoDB, Go, AWS, Flask*

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 such a Python REST API to service a user authentication system.

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

As the webmaster, developed an application 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