

EEKSEUNG IKE LEE

B. A. SC. COMPUTER
ENGINEERING

-  /eekseunglee
-  /ikelee
-  604-768-9315
-  ike.lee.1@uwaterloo.ca
-  ikelee.me

Skills

Languages

- Java
- Javascript
- Python
- Scala
- C++/C

Tools and Frameworks

- Docker
- Git
- GraphQL
- Tensorflow
- React

Projects

EngHack 2019

Lead Organizer

- Lead a team of 3 developers in designing and creating the website
- Giving a keynote presentation on basic software development skills

StarterHacks 2018

Mentor

- Coached three teams through idea generation, prototype planning and development processes
- Taught a team of complete beginners Python

WORK EXPERIENCE

Software Developer

Vidyard

Kitchener, ON

Jan 2019 - April 2019

- Built the new video edit page in **Vue.js**, which included functionalities like video **thumbnail generation**, copying clickable thumbnail image into **clipboard**, and triggering **video download**
- Built a **tooltip component** in the component library using pseudo-elements and Vue's **renderless components**

Product Lead

Mentr.ai

Remote

March 2019 - Present

- Leading a team of students in **product development** and **marketing**
- Managing **JIRA board** by triaging user testing reports and **creating developer tasks** in order of value delivered

Software Developer

Toast Inc

Boston, MA

April 2018 - September 2018

- Optimized the workflow where outdated data was being overwritten; refactored and **modified the data model** to ensure data integrity
- **Rebuilt** the data versioning system to ensure that all devices and backend services are referring to the same version of production data
- Implemented a **prototype GraphQL service** for the REST API that processes orders, which will reduce payload size exponentially

Full Stack Developer

Hootsuite

Vancouver, BC

September 2017 - January 2018

- Designed a **Scala microservice** which utilizes GraphQL to retrieve **millions** of Facebook private messages sent to multiple enterprise customers
- Created a **REST endpoint** to fetch Facebook messages by an array of ids from **MongoDB**; used in the front end for **cache validation**
- Integrated **external API** for customer satisfaction surveys in Hootsuite's **PHP dashboard** using PHP, MySql and Guzzle

Audio Engineer/Software Developer

Rave

Kitchener, ON

January 2017 - April 2017

- Designed a Python script that analyzes and mixes two songs together
- Rewrote Beat Detection function to use neural network based chroma vectors analysis and **reduced runtime by 40%**
- Implemented an **equalizer** that adds musical dynamics to the mashups