

EK SEUNG (IKE) LEE

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SKILLS & ABILITIES

Languages: Java, Javascript, Python, Scala, C++, C

Tools and Framework: Docker, Git, GraphQL, Tensorflow, React, SQL

EXPERIENCE

- Incoming Software Developer **Amazon (AWS)** Sept 2020 – Dec 2020, Remote
- Software Developer **Apple (Maps)** Sept 2019 – Dec 2019, Cupertino CA
- Constructed a new **data model** to better represent transit operations
 - Built **user-impacting** features by ingesting, normalizing and exporting data for downstream consumers of **Transit Maps Data**
 - Built a library of **helper tools** for front-end operations
- Software Developer **Vidyard** Jan 2019 – Apr 2019, Kitchener ON
- Built the new video edit page in **Vue.js**; built video **thumbnail generation**, copying assets into **clipboard**, and triggering **video download**
 - Built the new share page; implemented location specific **GDPR compliance banner** using a **state machine**
 - **Implemented a component library**; built and refactored components (**200+ instances** in the platform)
 - Built **tooling** and established testing practices for the component library
- Product Lead **Mentr.ai** Mar 2019 – Jun 2019, Remote
- Lead a team in **product development, market research, and developer task creation**
 - Oversaw and triaged user testing results to uncover user pain points and made **data-driven** product decisions
- Software Developer **Toast** April 2018 – Sept 2018, Boston MA
- Redesigned a workflow to prevent historic data overwrite; **modified the data model** to ensure data integrity
 - **Rebuilt** the data versioning system to ensure **100% data version alignment**
 - **Prototyped** a **GraphQL service** for the API that processes orders, which will reduce payload size **exponentially**
- Full Stack Developer **Hootsuite** Sept 2017 – Jan 2018, Vancouver BC
- Designed a **Scala microservice** which utilizes **GraphQL** to **retrieve millions of Facebook private messages**
 - Created a **REST endpoint** to fetch Facebook messages by id; used in the front end for **cache validation**
 - Integrated **external API** for customer satisfaction surveys
- Audio Software Developer **Rave** Jan 2017 – Apr 2017, Waterloo ON
- Designed a Python script that analyzes and mixes two songs together
 - Rewrote Beat Detection function to use **neural network**-based vectors analysis and **reduced runtime by 40%**

PROJECTS

EngHack 2019 – Lead Organizer: Lead a team of 3 developers in designing and creating the website, gave a **keynote presentation** on software deployment and **version control**

Rainr.IO – Founder: Worked on a startup building an **interactive technical interview platform** for software recruitment