

jeremiah-david wreh

website - linkedin - github email

education {

Concordia University – Graduating winter 2020

BEng. in Software Engineering, Co-op program

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work experience {

AppDirect Inc.

summer 2019 – present

Full-Stack Developer Intern {

Tech stack: React, Spring, Hibernate

Developed new features on the AppDirect marketplace, enabling millions of small to medium businesses to buy and sell customized software suites.

Improved code cleanliness and design by **refactoring** highly coupled code modules – a project listed in the company's **top-10** engineering improvements.

Wrote unit and integration tests with **JUnit** and **Mockito**.

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Nuance Communications

fall 2017 and summer 2018

Software Developer Intern - DevOps {

Tech stack: Python, GitLab, Docker, Kubernetes, Helm, Spring, Graphite, Grafana

Developed a Spring Boot application to automatically trigger builds for dependent Maven projects in GitLab, enabling the **migration of over 70 continuous integration pipelines** from Atlassian Bamboo to GitLab CI.

Developed scripts to reduce the time and effort needed to perform code releases by **25%**

Reduced the time to setup Sensu monitoring across multiple nodes to **under 5 minutes** by leveraging SaltStack.

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projects {

Augmented reality self-checkout system: McHacks 6 {

february 2019

Tech stack: Unity, Vuforia, Flask

Built an augmented reality application to facilitate brick and mortar commerce.

Awarded over \$3000 in prize money by RBC, Interac, and TD, and presented at the Interac head office.

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Wikipedia Alpha: Term project {

winter 2019

Tech stack: Native Android, Google Translate, Firebase database

Integrated several experimental features into the open-source Wikipedia app such as note-taking, image search, category search and chatrooms for each article.

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Content management system: Term project {

september – november 2018

Tech stack: React, Redux, Node.js

Built a full stack web application to manage a library catalog via a **RESTful API**.

Communicated and coordinated effectively in a group of **10** students within tight project deadlines.

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technical skills {

programming languages { ES6 JavaScript, Java, Python 3 }

libraries and frameworks { React, Redux, Express.js, Flask }

tools { Git, GitLab CI, Docker, Postman, Jira, Confluence }

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