

# jeremiah-david wreh

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## 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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