



## EXPERIENCE

### Coursera - Software Engineering Intern

Winter 2017 | Mountain View

### FreshBooks - Software Developer Intern

Summer 2016 |

- Extended the file upload API to handle cropping & resizing user uploaded images to optimize
- Refactored Python & Ruby based auth, billing, mailing and conversations services to use hash
- Developed the Python backend for a new banking service to support banking transactions in
- Built the Ember frontend for new features in FreshBooks that resulted in increased user reten

### Hack the North - Platform Developer

March 2016 - Present | W

- Led the frontend development of the attendee dashboard, written in React & Redux, used by
- Co-led registration logistics and built a check-in dashboard to register people attending the e
- Built internal tools to help optimize the organization of the event, and to display relevant analy

### Hootsuite - Software Engineering Intern

Fall 2015 | Van

- Migrated the frontend to a React & Flux based architecture to achieve modularity and scalabi
- Created new REST endpoints in the PHP-based API to extend functionality & support new fe
- Developed components for the new user interface design of the Hootsuite dashboard.

### Mappedin - Product Design Intern

Winter 2015 | KI

- Analyzed usage data from Mixpanel and conducted usability evaluation to identify issues in u
- Led the redesign of the layout, workflows & components of the Mappedin venue management
- Developed a web style guide to achieve functional and visual consistency across the product

### Mappedin - Design Intern

Summer 2014 | KI

- Created user flows, wireframes, visual designs & prototypes for interactive wayfinding kiosks
- Led the design and prototyping of the Mappedin iOS and Android apps, and helped launch th
- Developed an internal product tracking tool using AngularJS.
- Designed, developed and tested HTML emails sent to customers and consumers.

## PROJECTS

**React Native QR Code** – [npmjs.com/package/react-native-qrcode-scanner](https://npmjs.com/package/react-native-qrcode-scanner) – Library for scanning

**ClearSkies** – [github.com/moaazsidat/clearskies](https://github.com/moaazsidat/clearskies) – API for an app that determines if it's safe to fl

**Gips** – [moaazsidat.com/gips](https://moaazsidat.com/gips) – A Mac OS X app and Finder extension that simplifies basic imag

**Rememberall** – [devpost.com/software/rememberall](https://devpost.com/software/rememberall)

- **Top 10 at Hack the North 2014** - A video journaling service that allowed search based on au
- content, built using AngularJS, Wit.ai and ReKognition.

**WLP4 Compiler** – Compiler for a subset of C, as part of Sequential Programming course.

**SquareSwapper5000** – C++ version of the popular game CandyCrush, built as part of OOP cou

## EDUCATION

**University of Waterloo - B.S. Computer Science**

2013 - 2018 | Waterloo, Canada

### Relevant Courses

Algorithms, Data Structures & Data Management, Functional Programs, Object-Oriented Programming, Sequential Programs, Operating Systems, Numerical Computations, User Experience Design, Information Design

## SKILLS & TOOLS

### Development

JavaScript, Python, Java, C, C++, Object  
PHP, Ruby, HTML, CSS, React, Ember, F  
Native, Angular, NodeJS, Flask, MySQL,

### Design

Interface Design, Interaction Design, Use  
Experience, User Research & Testing, Pro  
Typography, Sketch, Framer, Illustrator,  
Photoshop