



EXPERIENCE

Coursera – Software Engineering Intern

January 2017 – Present | Mountain View, California, US

FreshBooks – Software Developer Intern

Summer 2016 | Toronto, Canada

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

Hack the North – Platform Developer

March 2016 – Present | Waterloo, Canada

- Led the frontend development of the attendee dashboard, written in React & Redux, used by 5000+ people.
- Co-led registration logistics and built a check-in dashboard to register people attending the event.
- Built internal tools to help optimize the organization of the event, and to display relevant analytics.

Hootsuite – Software Engineering Intern

Fall 2015 | Vancouver, Canada

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

Mappedin – Product Design Intern

Winter 2015 | Kitchener, Canada

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

Mappedin – Design Intern

Summer 2014 | Kitchener, Canada

- 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 the apps.
- 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://www.npmjs.com/package/react-native-qrcode-scanner) – Library for scanning QR codes.

ClearSkies – github.com/moaazsidat/clearskies – API for an app that determines if it's safe to fly your drone.

Gips – moaazsidat.com/gips – A Mac OS X app and Finder extension that simplifies basic image processing.

Rememberall – devpost.com/software/rememberall

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

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

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++, Objective-C, PHP, Ruby, HTML, CSS, React, Ember, React Native, Angular, NodeJS, Flask, MySQL, Git

Design

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