



EXPERIENCE

Coursera – Software Engineering Intern

2017 | Mountain View, CA, US

- Worked on universal React apps that power search & discovery, user profiles, and SEO for coursera.org
- Built promotional units for university programs, increasing visits by 300% & expressions of interest by 160%
- Contributed to engineering Coursera's design system for consistency & accessibility across the product

Hack the North – Platform Team Lead

2016 – Present | Waterloo, Canada

- Led the 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 using data

FreshBooks – Software Developer Intern

2016 | Toronto, Canada

- Developed the Python backend for a new microservice to support banking transactions in FreshBooks
- Built the Ember frontend for new features in FreshBooks that resulted in increased user retention & activity
- 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

Hootsuite – Software Engineering Intern

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

2014 – 2015 | Kitchener, Canada

- Led the redesign of layout & workflows, and built a design system for Mappedin's venue management CMS
- Led the design and prototyping of the Mappedin iOS and Android apps, leading up to the launch
- Analyzed product usage data, and conducted usability tests to identify issues in user flows
- Created user flows, wireframes, visual designs & prototypes for interactive wayfinding kiosks
- Developed an internal product tracking tool using AngularJS

PROJECTS

React Native QR Code – [npmjs.com/package/react-native-qrcode-scanner](https://www.npmjs.com/package/react-native-qrcode-scanner) – Module 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 with search based on audible and visual content, built using AngularJS, Wit.ai and ReKognition

WLP4 Compiler – Compiler for a subset of C programming language

EDUCATION

University of Waterloo – B.S. Computer Science

2013 – 2018 | Waterloo, Canada

Relevant Courses

Algorithms, Data Structures, Functional Programs, Operating Systems, Numerical Computation, Artificial Intelligence, Machine Learning (Coursera), User Interfaces & HCI, User Experience Design, Design for Interactive Games, Information Design

SKILLS & TOOLS

Development

JavaScript, Python, Java, C++, C#, Objective-C, React, React Native, Ember, Angular, jQuery, HTML, CSS, PHP, Node, SQL, Unity, Git

Design

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