



## EXPERIENCE

### **Coursera – Software Engineering Intern** 2017 – Present | 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%

### **Hack the North – Platform Developer** 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 banking service 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

- Analyzed product usage data, and conducted usability tests to identify issues in user flows
- Led the redesign of the layout, workflows & components of the Mappedin venue management CMS
- Led the design and prototyping of the Mappedin iOS and Android apps, leading up to the launch
- 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://npmjs.com/package/react-native-qrcode-scanner) – Module for scanning QR codes

**Raw React Intro** – 15 minute coding workshop to introduce fundamental concepts in ReactJS

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

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

**Rememberalll**– [devpost.com/software/rememberalll](https://devpost.com/software/rememberalll)

- **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, Machine Learning (Coursera), User Interfaces, User Experience Design, Information Design, Design for Interactive Games

## SKILLS & TOOLS

### **Development**

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

### **Design**

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