

# Sebastian Kolosa

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## SKILLS

- **Languages:** Swift, Objective-C, Javascript, HTML / CSS, Python, C++
- **Frameworks:** iOS, Alamofire, Realm, AngularJS, jQuery, Bootstrap, NodeJS, ExpressJS, Socket.io
- **Tools:** Git, CocoaPods, Postman, Unix Tools, Trello
- **Concepts:** MVC, RESTful APIs, Scrum, User-Centered Design, Product Lifecycle, Design Sprints

## EXPERIENCE

### Mobile Developer | TD Bank Innovation Labs

Waterloo, Ontario (Sept. 16 - Jan. 17)

- Built high-priority, confidential Swift app to the MVP, writing 29% of the source code
- Architected features in Family Allowance Objective-C app, including authentication and savings break down
- Engaged in sprint planning, standup, and demos within a small Scrum team; demoed new app to TD CTO
- Took part in the design process, contributing to concept iteration and consolidating with UX designers

### Mobile Application Developer | Pixelbot

Toronto, Ontario (Apr. 16 - May. 16)

- Implemented "Uber for condos" beta iOS app using Swift
- Developed native, Facebook, and Google login and merging systems

### Full-Stack Engineer | Ark Paradigm

Waterloo, Ontario (Jan. 16 - Apr. 16)

- Constructed a beta website in 1.5 weeks using AngularJS, Python, and HTML / CSS
- Optimized website scalability through the incorporation of Angular directives
- Created metadata-gathering automation scripts using Python and the CrunchBase API

## EDUCATION

### Systems Design Engineering | University of Waterloo

Digital Computation / Systems, Introduction to Design, Human Factors in Design (Sept. 15 - Apr. 20)

## PROJECTS

### Everest | Event communication optimization iOS app

Sept. 16 - Present

- AVCaptureSession interface coupled with QR codes enable the joining of created events
- Signed-in users' credentials stored in the keychain and Realm, followed by the creation of a session singleton
- Event feed and chat developed using sockets integrated with UITableViews
- Scrum and product design processes utilized to organize development for remote team of four

### Joinmi | Hack the 6ix 'impromptu get-together' app

devpost.com/software/joinmi (Jan. 16)

- Developed using HTML / CSS with PhoneGap
- Incorporated user-centered and responsive design methodologies; created intuitive layout

## INTERESTS

- Playing Bass
- Running
- Foosball
- Snowboarding
- Concerts
- Non-fiction Reading