

# Sebastian Kolosa

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## SKILLS

- **Languages:** Swift, Objective-C, JavaScript, HTML / CSS, Python
- **Frameworks:** iOS, Alamofire, Core Data, XMPPFramework, AngularJS 1, NodeJS, ExpressJS, Socket.io
- **Tools:** Git, CocoaPods, Npm, Postman, Unix tools, Pivotal Tracker, Trello
- **Concepts:** MVC, Dependency Injection, User-Centered Design, Unit Testing, RESTful APIs

## EXPERIENCE

### **Agile Software Engineer** | TribalScale

Toronto, Ontario (May 2017 - Aug. 2017)

- Architected features and bug fixes for major cruise line's Objective-C app with 20k+ daily active users
- Piloted bug / feature discussions and feature demos with external cruise line team
- Leveraged dependency injection (Blindside) and promises (KSDeferred) to build cruise guest event organizer
- Utilized Core Data and XMPPFramework to develop message failure flow for cruise chat system

### **Mobile Developer** | TD Bank Innovation Labs

Waterloo, Ontario (Sept. 2016 - Dec. 2016)

- Built the MVP of a significant, confidential Swift app within team of five, writing 29% of the source code
- Architected features in Family Allowance Objective-C app, including authentication and savings breakdown
- Engaged in sprint planning, standup, code review and regression testing within a small Scrum team
- Conducted three app demos to TD executives, including the TD CTO; solidified business communication skills

### **Mobile Application Developer** | Pixelbot

Toronto, Ontario (Apr. 2016)

- Implemented "Uber for condos" iOS app using Swift, PHP, and MySQL
- Developed native, Facebook, and Google login systems
- Integrated account merging backend logic in PHP and SQL, allowing up to all three user accounts to be synced

### **Full-Stack Engineer** | Ark Paradigm

Waterloo, Ontario (Jan. 2016 - Mar. 2016)

- Constructed FinTech company's website in 1.5 weeks using AngularJS 1, Python, and HTML / CSS
- Optimized website scalability through the incorporation of recyclable Angular directives
- Created metadata-gathering automation scripts using Python and the CrunchBase API

## PROJECTS

### **Everest** | Sept. 2016 - Present

everestapp.ca

- Developing event communication and organization management iOS app within Scrum team of four
- Implemented event chat and newsfeed systems using sockets and protocol extensions
- Utilized Scrum and product design processes / tools to organize development for remote team

## EDUCATION

### **Systems Design Engineering** | University of Waterloo

Digital Computation / Systems, Data Structures & Algorithms, Human Factors in Design (Sept. 2015 - Apr. 2020)

## INTERESTS

- Playing Bass
- Snowboarding
- Concerts