Sebastian Kolosa

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SKILLS

- **Languages:** Swift, Objective-C, JavaScript, HTML / CSS, Python, C++
- **Frameworks:** iOS, Alamofire, Realm, AngularJS, jQuery, Bootstap, 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 <u>Family Allowance</u> 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" <u>beta iOS app</u> using Swift
- Developed native, Facebook, and Google login and merging systems

Full-Stack Engineer | Ark Paradigm
Waterloo, Ontario (Jan. 16 - Apr. 16)
- Constructed a <u>beta website</u> 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
- Snowboarding
- Running
- Concerts
- Foosball
- Non-fiction Reading