

# CONSTANTIN KOEHLER

ConstantinKoehler.com

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## EDUCATION

### University of Maryland, Baltimore County (UMBC)

August 2014-May 2017

- 3.2 GPA Bachelors of Science in Computer Science with a minor in Political Science

### Montgomery College, Rockville, MD

August 2013-May 2014

- 3.8 GPA Associates of Arts in General Studies
- Honors: Dean's List and Phi Theta Kappa Honor Society

## PROGRAMMING SKILLS (out of three stars)

Java	★ ★ ★	Python	★ ★ ★	C++	★ ★ ★
Angular JS	★ ★ ★	Android	★ ★	iOS	★ ★
SQL	★★	NodeJS	★	Perl	★

## WORK EXPERIENCE

### **Mindgrub, Mobile Software Engineer (Intern) - Baltimore, MD**

Fall 2016- Present

- Researched Swift and Java best practices to develop apps in native app development
- Developed iOS and Android application for both internal and client projects
- Attended weekly standup meetings to review code and ensure punctual delivery of projects

### **General Electric, Information Technology Leadership Program - QARA Developer, Milwaukee, WI**

Summer 2016

- Designed wireframe with 3 views and a dashboard to prove out a technology
- Created prioritization algorithm to identify risk, prioritize daily volume and reduce FDA reportable MDRs
- Integrated queries and stored procedures to compare data and assure information

### **BackPack'Em, Mobile Software Developer - Baltimore, MD**

Spring 2015 - Present

- Developed an iOS and Android application with AngularJS and HTML to increase user adoption
- Lead the mobile software team and determined the best practice for creating hybrid mobile apps
- Formulated a REST API to enable data transfer to and from the application

## PROJECTS

### **Keep Me Up! – Hackathon Project**

Fall 2016

- Familiarized myself with wearable technologies out of interest in the field
- Developed the logic and interface with an unfamiliar technology in 24 hours
- Researched Pebble documentation to configure smartwatch to vibrate in different intervals and strengths

### **Formula 1 Standings App – Personal Project**

Spring 2015

- Built an Android app displaying race-standings using the Ionic Framework with Angular JS
- Designed app to utilize and search data from a 3<sup>rd</sup>-party API
- Created before starting my first internship to learn how to make mobile apps

## ADDITIONAL SKILLS

Languages: Fluent in German