1448 Cooksie St Baltimore, MD, 21230

# CONSTANTIN KOEHLER

CONSTANTINKOEHLER.COM

(240)-205-1683 Constantinfakoehler@gmail.com

#### **EMPLOYMENT**

#### Mobile Software Engineer

#### **Mindgrub Technologies**

Fall 2016-Present

- Researched Swift and Java best practices to develop apps in native app development
- Architected, built and shipped iOS and Android applications to clients in a 20+ person team
- Built products that are accessible to everyone, including those with disabilities

# Information Technology Leadership Program, Intern

## **General Electric Healthcare**

Summer 2016

- Designed wireframe with 3 views and a dashboard to prove out a technology
- Created prioritization algorithm to identify risk in thousands of records in order to reduce FDA violations
- Integrated queries and stored procedures to compare data and assure information

### **Mobile Software Developer**

#### BackPack'Em

**Spring 2015- Fall 2017** 

- 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

#### **E**DUCATION

## Baltimore, MD

# University of Maryland, Baltimore County (UMBC)

August 2014-May 2017

- B.S in Computer Science with Minor in Political Science, May 2017. GPA: 3.1.
- Undergraduate Coursework: Software Engineering; Operating Systems; Data Science; Algorithms; Programming Languages; Comp. Architecture; Engineering Entrepreneurship; Calculus II.

### TECHNICAL EXPERIENCE

#### **Projects**

- **Keep Me up!** (2016). Application for the Pebble smartwatch that vibrates at given intervals in strengths to keep the wearer alert and awake. C, Pebble API
- Linux Shell (2016). Functioning Linux shell with basic functionality. Additionally, allows users to run processes in the background and has basic scripting support. C,UNIX,Linux
- Race Standings App (2015). Cross Platform iOS and Android app that displays up to date and historical Formula 1 race standings using a 3rd party API and the Ionic Framework. AngularJS, HTML, CSS

## Languages, Technologies and Methodologies

- Swift; C++; Java; SQL; AngularJS; JQuery; Python; HTML
- XCode; Interface Builder; Android Studio; Microsoft SQL Server; Eclipse
- Agile/Scrum, JIRA, Github, Bitbucket
- Fluent In German