

# CONSTANTIN KOEHLER

ConstantinKoehler.com

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## EDUCATION

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### **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

## PROFESSIONAL SKILLS

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### **Operating Systems**

Windows XP-10, Mac OSX, Linux, iOS, Android

### **Programming Languages**

Angular, HTML, Ionic and Cordova Frameworks, C/C++, Java, Python, REST APIs, Google APIs, SQL, Virtualbox, Wireshark

## WORK EXPERIENCE

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

- Designed wireframe for microservice with 3 views and a dashboard to suit business needs.
- Created algorithm with machine learning to find anomalies in reports and facilitate FDA compliances.

### ***Backpack'Em, Mobile Software Developer, Baltimore, MD***

- Developed an iOS and Android application to connect students in exchanging goods
- Collaborated to implement an API suitable for mobile app needs
- Wrote and maintained extendable code in a business start-up environment

### ***German Language Courses, Teacher's Assistant, Potomac, MD***

- Ran a class-wide library of 50 books using Microsoft Excel
- Administered tests to dozens of students
- Explained German grammar to elementary school in a 20-person classroom

## PROJECTS

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

Spring 2016

- Collaborated on a project to make a productivity app for the Pebble smartwatch
- Developed the logic and interface in C on the Pebble cloud IDE
- Configured smartwatch to vibrate in different intervals and strengths through the Pebble API

### **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

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Languages: Fluent in German