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)

C++	★ ★ ★	Python	★ ★ ★	Ionic/Cordova	★ ★ ★
Angular JS	★ ★ ★	HTML	★ ★ ★	Java	★ ★
Google APIs	★ ★	REST API	★	SQL	★

WORK EXPERIENCE

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

- Developed an iOS and Android application to increase user adoption   Spring 2015 - Present
- 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

German Language Courses, *Teacher's Assistant,* Potomac, MD   Fall 2012-Spring 2014

- Ran a class-wide library of 50 books using Microsoft Excel to promote German reading skills
- Administered exams to groups of up to 10 students in order to facilitate classroom instruction
- Explained German grammar to elementary school children in a 20-person classroom

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 3rd-party API
- Created before starting my first internship to learn how to make mobile apps

ADDITIONAL SKILLS

Languages: Fluent in German