CONSTANTIN KOEHLER

ConstantinKoehler.com

12 Enid Ct, Potomac, MD 20854 | 240-205-1683| constantinkoehler@umbc.edu

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

PROFESSIONAL SKILLS

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

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

Keep Me Up! – Hackathon Project   Fall 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 3rd-party API
- Created before starting my first internship to learn how to make mobile apps.

ADDITIONAL SKILLS

Languages: Fluent in German