**Daniel Engbert**  
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| Education/  Involvement | **University of Maryland Baltimore County (UMBC)**   * 3.8 GPA, 108 Credits * Computer Science Major, Math Minor * Expected Graduation: May 2019   **Involvement**   * UMBC Hackers Club (attended 5 Hackathons) * Resident Assistant * Eagle Scout (2014) * Robotics FRC Team 3941 | 2015-  Present |
| Technical Skills | **Programming**   * Python, Java, C++, C, Shell scripts, R * Flask, PHP, SQL, Node.js, React, JavaScript, HTML, CSS * Git, Vim, Linux, Android Studio, VB   **Software**   * SolidWorks, SketchUp, EAGLE CAD * GIMP/Photoshop   **Electronics**   * Designed and programmed a VEX robot which received 1st place in a college competition with 12+ teams. * Extensive Arduino and PIC microcontroller experience |  |
| Projects | github.com/danielengbert  **Graph Search** *– Course Project*Wrote a python program to perform 3 types of graph search on a directed graph.  **Data Structures** *– Course Project*Implemented a Hash table and a Min-Max heap in C++.  **Travel Route Optimizer** *– Personal Project*Used the Google Maps JavaScript API to create a webpage that identifies the best route for users to travel when stopping at multiple destinations.  **Capstone Project** *– High School*Developed an Arduino system with sensors, a custom PCB, and an exercise bike to control race cars in a computer game while exercising. |  |
| Work Experience | **Software Developer Intern,** AT&TImproved a DPI network security tool by integrating the nDPI C library and by writing shell scripts to manage a Hive database built on top of Hadoop.  **Full Stack Web Developer Intern,** UMBC Imaging Research Center Added a major feature to retrieverstories.umbc.edu (UMBC’s social media site) allowing users to discover and group related posts into a collection. Used SQL, PHP, JavaScript, HTML, and CSS.  **Assistant Programming Instructor,** Black Rocket Productions Taught programming skills to middle schoolers at a computer camp. | Summer 2017 |
| Summer 2016 |
| Summer 2014 |