**Daniel Engbert**  
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| Education | **University of Maryland Baltimore County (UMBC)**   * 3.8 GPA, 108 Credits * Computer Science Major, Math Minor * Expected Graduation: Dec 2018 * Involvement: * UMBC Hackers Club * 4 Hackathons * Resident Assistant   **High School** *– Science and Math Academy* (magnet program)   * Robotics FRC Team 3941 * Eagle Scout * National Honor Society | 2015-  Present |
| 2011-  2015 |
| Technical Skills | **Programming**   * Python, Java, C++, C, Shell scripts, R * Flask, PHP, SQL, Node.js, JavaScript, React, HTML, CSS * Git, Vim, Linux, Android Studio, VB   **Software**   * SolidWorks, SketchUp, Eagle CAD * GIMP/Photoshop   **Electronics**   * Worked on a robotics team for two years * Extensive Arduino and PIC microcontroller experience |  |
| Projects | github.com/danielengbert  **Retriever Stories** *– Intern Project*Added a major feature to Retriever Stories (UMBC’s social media site) allowing users to discover related posts and group them into a public collection. Used JavaScript and PHP to search an SQL database and generate HTML.  **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.  **Microcontrollers Course** *– High School*Programmed a PIC microcontroller in C to perform various tasks. |  |
| Work Experience | **Software Developer Intern** *– AT*&*T* Contributed to the development of a network security tool that performs deep packet inspection by writing shell scripts and C++ code.  **Web Developer Intern** *– UMBC Imaging Research Center*Collaborated with a team of interns (through GitLab) as a full stack web developer of retrieverstories.umbc.edu, a social media site for UMBC students and alumni.  **Assistant Programming Instructor** *– Black Rocket Productions* Taught programming skills to middle schoolers at an HCC computer camp. | Summer 2017 |
| Summer 2016 |
| Summer 2014 |