**Daniel Engbert**  
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| Education | **University of Maryland Baltimore County (UMBC)**   * 3.7 GPA, 90 Credits * Computer Science Major, Math Minor * Expected Graduation: Dec 2018 * Involvement: * UMBC Hackers Club * Participated in 3 Hackathons * Resident Assistant   **High School** *– Science and Math Academy* (magnet program)   * National Honor Society * Eagle Scout | 2015-  Present |
| 2011-  2015 |
| Technical Skills | **Programming**   * Java, C++, Python, C, VB, VBA * PHP, SQL, HTML, CSS, LESS, JavaScript/JQUERY/AJAX/JSON * Git, Vim, Linux, Android Studio   **Software**   * SolidWorks, SketchUp, Eagle CAD * Microsoft Office, Google Docs, GIMP/Photoshop   **Robotics**   * Worked on FRC Robotics Team 3941 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.  **Java Sentence Generator** *– Personal Project*Created a Java program that analyzes provided text, stores patterns in a custom class, and generates random sentences based on analysis of the provided text.  **Capstone Project** *– High School*Developed an Arduino system with sensors, custom PCB, and an exercise bike to control race cars in computer games while exercising.  **Microcontrollers Course** *– High School*Programmed a PIC microcontroller in C to perform various tasks. |  |
| Work Experience | **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 2016 |
| Summer 2014 |