

## Marcus William Fedarko

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<b>EDUCATION</b>	<i>Bachelor of Science</i> , Computer Science University of Maryland University Honors Citation GPA: 3.80/4.0	Expected Graduation May 2018 <i>College Park, Maryland</i>
<b>EXPERIENCE</b>	<i>Research Intern</i> Center for Bioinformatics and Computational Biology <ul style="list-style-type: none"><li>Designing interactive visualization software for DNA sequence assembly graphs under the guidance of Dr. Mihai Pop and Dr. Todd Treangen.</li></ul> <i>Student Staff Writer</i> Department of Computer Science <ul style="list-style-type: none"><li>Composing and editing some thirty articles published on the department's website, annual magazine <i>shell</i>, and other media.</li><li>Contacting and interviewing related individuals for their perspectives on research, teaching, or other university-based subjects.</li></ul> <i>Teaching Assistant</i> CMSC 330 (Organization of Programming Languages) <ul style="list-style-type: none"><li>Assisting students with coursework (Ruby, OCaml, Prolog; grammars, regular languages, semantics, security) in office hours and on Piazza.</li><li>Designing and grading quizzes and exams.</li></ul> <i>Student Intern</i> Axiometric <ul style="list-style-type: none"><li>Created and maintained utility meter deployment management software.</li><li>Designed a user-friendly graphical interface in Java to an RF propagation model to assist clients in planning mesh networks.</li></ul> <i>Intern Software Engineer</i> Battlefield Telecommunications Systems <ul style="list-style-type: none"><li>Designed a web interface using Python (Django), Javascript, and HTML to monitor the connection strength of radio devices.</li><li>Integrated radio signal testing into the company's existing network management user interface.</li></ul>	June 2016–Present <i>University of Maryland</i> January 2015–Present <i>University of Maryland</i> August 2016–December 2016 <i>University of Maryland</i> May 2013–August 2014 <i>Columbia, Maryland</i> July 2012–August 2012 <i>Columbia, Maryland</i>
<b>ACTIVITIES</b>	Computer Science Undergraduate Advisory Board Student Sustainability Committee Mighty Sound of Maryland Marching Band and Pep Band Misc. Android Development (see personal website)	Fall 2015–Present Fall 2014–Present Fall 2014–Present Fall 2013–Present
<b>HONORS</b>	Dean's List Corporate Partners in Computing Scholarship Dean's Scholarship Northrop Grumman Scholarship for Employees' Children Omicron Delta Kappa National Leadership Honor Society Honors College: University Honors Program	All Semesters Fall 2016 Fall 2014 Fall 2014 Fall 2016–Present Fall 2014–Present