

Marcus William Fedarko

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Education	BACHELOR OF SCIENCE, Computer Science University of Maryland University Honors Citation GPA: 3.80/4.0	Expected Graduation May 2018 <i>College Park, MD</i>
Research Experience	RESEARCH INTERN Center for Bioinformatics and Computational Biology <ul style="list-style-type: none">• Designing interactive visualization software for DNA sequence assembly and scaffold graphs under the guidance of Prof. Mihai Pop and Dr. Todd Treangen.• This work is accessible at https://marbl.github.io/MetagenomeScope/.• Manuscript in preparation.	June 2016–Present <i>U. of Maryland</i>
Teaching Experience	UNDERGRADUATE TEACHING ASSISTANT CMSC 330: Organization of Programming Languages <ul style="list-style-type: none">• Assisting students with coursework (Ruby, OCaml, Prolog; grammars, regular languages, semantics, security) in office hours and on an online discussion board.• Designing and grading quiz and exam questions.	Fall 2016 <i>U. of Maryland</i>
Professional Experience	STUDENT STAFF WRITER Department of Computer Science <ul style="list-style-type: none">• Composing and editing some thirty articles published on the department’s website, annual magazine <i>shell</i>, and other media.• Contacting and interviewing related individuals for their perspectives on research, teaching, and other university-based subjects.	January 2015–Present <i>U. of Maryland</i>
	STUDENT INTERN Axiometric <ul style="list-style-type: none">• Created and maintained utility meter deployment management software.• Designed a user-friendly graphical interface in Java to an RF propagation model to assist clients in planning deployments of mesh networks.	May 2013–August 2014 <i>Columbia, Maryland</i>
	INTERN SOFTWARE ENGINEER Battlefield Telecommunications Systems <ul style="list-style-type: none">• Designed a web interface using Python (Django), Javascript, and HTML to monitor the connection strength of radio devices.• Integrated radio signal testing into the company’s existing network management user interface.	July 2012–August 2012 <i>Columbia, Maryland</i>
Honors and Awards	1. Dean’s List 2. John D. Gannon Endowed Scholarship 3. Corporate Partners in Computing Scholarship 4. Dean’s Scholarship 5. Northrop Grumman Scholarship for Employees’ Children 6. Travel Award, U. Michigan “Explore Graduate Studies” Workshop 7. Omicron Delta Kappa National Leadership Honor Society	All Semesters 2017 2016, 2017 2014 2014 2017 2016

