

EDUCATION

- **Ohio State University** Columbus, OH
Overall GPA: 3.99 *Aug. 2016 – May. 2020 (expected graduation)*
 - **Bachelor of Science in Computer Science:** 3.97 GPA within major; Coursework included Algorithms, Software Development, Artificial Intelligence, and Computer Graphics
 - **Bachelor of Science in Mathematics:** 4.00 GPA within major; Coursework included Analysis, Linear Algebra, Differential Equations, Combinatorics, and Number Theory
 - **Minor in Economics:** 4.00 GPA within minor; Coursework included Microeconomics, Macroeconomics, Econometrics, and Game Theory

EXPERIENCE

- **Ohio Supercomputer Center** Columbus, OH
Student Programmer *August 2019 - Current*
 - **Scientific Applications Group:** Install and manage various common scientific applications available to all cluster users (osc.edu/resources/available_software).
 - **User Support:** Respond to user requests for support regarding software licenses, bugs, and program optimization for use on the clusters.
- **University of Chicago / Illinois Institute of Technology** Chicago, IL
Student Researcher *May 2019 - August 2019*
 - Worked with Dr. Ioan Raicu and Dr. Kyle Chard on the development and testing of a novel task-based parallel runtime system targeted at extremely fine-grained workloads. Presented research in the ACM Student Research Competition at the conference *Supercomputing 2019*.
- **Ohio Supercomputer Center** Columbus, OH
Student Development Intern *May 2018 - May 2019*
 - Worked in conjunction with researchers at the Byrd Polar and Climate Research center to develop the SETSM project (github.com/setsmdveloper/SETSM). Daily responsibilities included benchmarking and optimizing the code developed by the researchers.
- **Battelle Center for Mathematical Medicine** Columbus, OH
Student Researcher *August 2015 - September 2016*
 - Worked with Dr. William Ray to develop and test RNA and protein sequence alignment algorithms.

SCHOLARSHIPS AND AWARDS

- **Merit-Based Scholarships:** Maximus Scholarship; CIS Undergraduate Scholarship; Goldstein Mathematics Scholarship (all received while at Ohio State University).
- **Dean's List:** Awarded in each semester that a student completes a minimum of 12 credit hours with a GPA of 3.5 or higher. Received all semesters while at Ohio State University.
- **OSU Rasor-Bareis-Gordon Mathematics Competition:** Finished 2nd, 3rd, 2nd, and 2nd in the 2014, 2015, 2016, and 2018 competitions.

PROGRAMMING SKILLS

- **Languages:** Experience with C/C++, Python, Javascript; Some familiarity with Haskell, Java, C#