

Innovative and proactive mathematics and computer science student with experience in programming, data science, and web development seeking to apply advanced mathematical problem solving skills to statistical/computational analysis and software engineering.

Education

2018-09 - 2022-05	Bachelor of Science: Mathematics And Computer Science <i>University Of Maryland - College Park</i> Honors College at UMD, GPA: 3.7 Minor in Japanese Dean's List (5 Semesters) Treasurer of service group Vintage Voices (2018-2020)
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Experience

2020-12 - Current	UMUC Website Developer <i>University Of Maryland, College Park, MD</i> Coded the new website for UMD's UMUC Radio Station using JavaScript, primarily on the front end using React. Coordinated changes through GitLab.
2020-10 - Current	Independent Web Design <i>Self</i> Implemented full-stack website functionality using Python's Flask framework, in conjunction with HTML and CSS through the Bootstrap library. Utilized pandas for data analysis and implementation. Website intended to be launched in May 2021.
2020-04 - 2020-05	Visualization of Quaternions <i>UMD Math Department, College Park, MD</i> Designed and developed individual project in Wolfram Mathematica intended to introduce abstract topics from linear algebra through figures and animations, and build on them to provide an introduction to quaternions and some of their applications for interested students.

Relevant Coursework

- Object-Oriented Programming & Functional Programming
- Data Structures & Algorithm Analysis
- Systems Programming & Memory Management
- Data Collection & Analysis

Seth
Gregory
Programming Intern

Contact

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Skills

Python
Java
C
Javascript w/ React
Ruby
Modeling in Mathematica & MatLab
Git
Statistical Analysis
SAS
OCaml
Intermediate Japanese