

CALEB MORAN

Software Engineering Intern

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📍 2706 N Dinwiddie St, Arlington, VA 22207

🌐 <https://cm3cm.github.io/>

WORK EXPERIENCE

Software Engineering Intern

BTS Wealth Management

📅 June 2023 - current

📍 Remote

- Optimize employee workflow through Python programs to automate the generation of necessary charts, graphs, and Excel files using Pandas, Numpy, Matplotlib, and APIs, saving the firm over 100 hours each quarter

Software Design Intern

Develop for Good

📅 May 2023 - current

📍 Remote

- Update and improve website design for non-profit clients. Working with the project manager, create mock-ups in Figma. Perform user research and testing with a focus on accessibility

Teaching Assistant — Computer Science

Brown University

📅 August 2022 - December 2022

📍 Providence, RI

- As a Teaching Assistant for Computer Science: An Integrated Introduction (CSCI 0170), wrote and revised course content to meet updated standards
- Led weekly CS labs for 25 students, introducing new content and strengthening student understanding. Graded labs, homework, and projects with detailed, prompt feedback
- Assisted students one-on-one at office hours and through an online forum

Software Engineering Intern

NOVA Web Development

📅 March 2020 - September 2020

📍 Arlington, VA

- Coded, tested, and published a graphics program (GASP) for educators to use in their CS courses as the lead developer
- Participated in weekly meetings, served as QA, and developed skills in the Django framework

PROJECTS

On Deck Sports Web Application

Co-Creator

- Programmed a web app to process user-inputted sports teams, access an API, and produce a calendar view of all relevant games for users to watch
- Utilized Java (back-end) and TypeScript with React (front-end), mocks, integration testing, and Git with my team of 4 developers

GASP Graphics Program

Lead Developer

- Created a Tkinter wrapper to make graphical programming accessible for novice computer scientists
- As project lead, programmed the majority of the Python code base, documented the logic, and introduced GASP to teachers in Arlington County

EDUCATION

Sc.B.

Applied Math-Computer Science
Brown University

📅 September 2021 - May 2025

📍 Providence, RI

📊 3.9 GPA

Relevant courses

- Honors Calculus III, Linear Algebra, Applied Ordinary & Partial Differential Equations, Statistical Inference I
- Algorithms & Data Structures, Intro to Software Engineering, Fundamentals of Computer Systems

SKILLS

Technical Skills

- Proficient in HTML, CSS, Python, Java, ReasonML, JavaScript, TypeScript, React, C, and C++
- Expert knowledge of Git/GitHub, Microsoft Office, and Google Apps
- Experience using the command line

Interpersonal Skills

- Very strong active listener and communicator
- Capable self-starter and highly organized
- Great at time management and problem solving

Languages:

- Native fluency in English
- Intermediate proficiency in Spanish

AWARDS

- National Merit Scholar
- Finalist for Brown Consulting Club's Case@Brown competition

INTERESTS

- Ultimate frisbee (nationally ranked)
- Film criticism
- Yoga
- Hiking