

Caleb Bradford

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EDUCATION

Old Dominion University | Norfolk, VA

Master of Science in Computer Science

December 2024

GPA: 4.0

Bachelor of Science in Computer Science

June 2023

Magna Cum Laude

GPA: 3.81

Tidewater Community College | Virginia Beach, VA

Associate of Science with a Specialization in Computer Science

May 2021

STEM Promise Program Scholar (full-tuition scholarship, among 20 student cohort selected out of 100+ applicants)

GPA: 4.0

RELEVANT COURSEWORK

Web Server Design, Web Science, Web Security, Data Visualization, Information Retrieval, Computational Methods and Software, Algorithms and Data Structures, Operating Systems

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, Javascript

Python Libraries: NumPy, Pandas, Seaborn, Matplotlib, Selenium, BeautifulSoup4, Requests

Tools and Software: Git/GitHub, Visual Studio Code, Unix Bash, Vega-Lite, Google Suite, Jira, Zoom

RELEVANT EXPERIENCE

Old Dominion University | Norfolk, VA

Graduate Teaching Assistant for Intro to Programming with Java 1

August 2023 - Present

- Lead students in online lab and recitation sessions designed to enhance their knowledge through practical programming tasks
- Grade up to three programming assignments weekly for fifteen students
- Create supplementary video materials meant to guide students through Java programming problems

Undergraduate Research Assistant

August 2022 - December 2022

- Worked with the Virginia Modeling, Analysis, and Simulation Center (VMASC) on a Minerva Research Institute project titled, "*What's Missing? Innovating Interdisciplinary Methods for Hard-to-Reach Environments.*"
- Conducted preliminary research for the project by utilizing interfaces from the GDELT project to examine and analyze news coverage from Site C in Western Cape, South Africa, with the ultimate goal of gauging sentiment in the area remotely

Research Experience for Undergraduates in Disinformation Detection and Analysis

June 2022 - August 2022

- Participated in research focused on disinformation/misinformation on the Web alongside professors and graduate research assistants in the ODU Web Sciences and Digital Libraries (WS-DL) research group
- Worked directly with WS-DL faculty on a research project directed at detecting social media post misattribution.
- Utilized page scraping and web archiving techniques to build tools to verify authenticity of social media posts through fact-checking websites
- Presented the work to all WS-DL faculty in an academic presentation
- Compiled research done throughout the program into an academic paper (preprint available [here](#))

ADDITIONAL EXPERIENCE

Dairy Queen General Booth Location | Virginia Beach, VA

Shift Leader

July 2020 – August 2021

- Supervised about 10 crew members each shift
- Facilitated the production of hot and cold food product to customers in a timely manner
- Coordinated the completion of cleaning and quality control tasks
- Ensured nightly closing tasks were completed, including nightly paperwork and preparation for morning shift