

DAVID CABANISS DIMMETT

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Education

University of Virginia, Charlottesville, VA

Graduating May 2022

School of Engineering and Applied Science

- Bachelors of Science, Computer Science
- Relevant course work: Program and Data Representation, Foundations of Data Analysis, Mobile Application Development, Advanced Software Development, Introduction to Cybersecurity, Artificial Intelligence

Launch Academy at HackCville, Charlottesville, VA

Jan. 2019-May 2020

Advanced Software Development Program

- Participated in a focused course on full stack web development leading into a summer internship.
- Completed solo and group projects with up to two other students to demonstrate skills in React, Node.js, Firebase, and SQL.

Experience

Brave Virtual Worlds, Charlottesville, VA

June 2020-Aug. 2020

Software Intern

- Planned and implemented a static site using React and Firebase for physical therapists to manage patients and establish therapy regiments.
- Leveraged libraries including Redux, Redux-Saga, and Material-UI
- Wrote a collection of web scraping scripts using Python and Selenium to generate an extensive exercise library

Archemedx, Inc., Charlottesville, VA

May 2019-Aug. 2019

Student Software Tester

- Coordinated with two other students to test a web application based on the guidance of a QA lead.
- Filed actionable bug tickets detailing reproduction steps and error information.
- Drafted a testing strategy outlining necessary steps to test each feature of the app prior to a new release.

Mechatronics and Robotics Society, Charlottesville, VA

Sept. 2018-May 2020

Computer Team Member

- Worked on a small team with fellow UVA students to design and implement the software for a mining robot.
- Utilized ROS libraries for Python and C++ to create an interface that transmits and interprets inputs from a gamepad to the robot's onboard computer.
- Integrated work with mechanical and electrical engineering teams to build a competition ready robot.

Skills

Languages: Python, JavaScript, TypeScript, Java, C++, C, Go

Frameworks and Libraries: Django, Flask, Beautiful Soup, NumPy, pandas, Matplotlib, Selenium, React, Redux, Redux-Saga, React Native, Express

Platforms, Operating Systems, and Tools: Windows, Linux, SQL, Firebase, Docker

Awards

Capital One Coding Challenge

May 2019

Winner

- Implemented a Django based web application that uses a form model to query data from NASA's API for pictures.
- Created a user interface using Bootstrap and Jinja to display images and image data.