

David Mullings

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2023

Bachelor of Science, Computer Science

Bachelor of Arts, Plan II Honors

GPA 3.95

University Honors

Fall 2019, Spring 2021, Fall 2021, Spring 2022

SKILLS

Technical/Computer Skills: Python, Java, C, HTML / CSS / Javascript

Languages: Spanish (Intermediate)

EXPERIENCE

CREDERA, Dallas, Texas

June 2022 - Present

Technology Consulting Intern

- Performed mobile development for a major restaurant application using Angular, Ionic, and Cordova
- Implemented new functionality for order tracking by integrating third-party services in new ways
- Interacted with client stakeholders on a regular basis to facilitate dev-ops priorities

APPLIED RESEARCH LABORATORIES, Austin, Texas

June 2021 - August 2021

Honors Scholar Intern

- Analyzed and produced lidar dataset products on planetary lava flows using Python-based data science scripting with Pandas through Anaconda package manager and GIS software packages such as ArcGIS
- Created graphical user interfaces using Tkinter to enable planetary geologists to continue studying planetary lava features using similar lidar datasets
- Managed and mentored a freshman computer science student

PROJECTS

- **VIRTUAL REALITY TINY SMART HOUSE:** Won first place in the STEAMX competition by incorporating a Python - coded GUI and script to wirelessly control lighting, temperature, and security of a tiny house with a mobile device
- **PERSONAL AND PROFESSIONAL WEBSITE:** Self-taught HTML and CSS and leveraged those development skills to implement a front-end personal site from the ground up

LEADERSHIP & COMMUNITY INVOLVEMENT

TEXAS INTELLIGENCE ACADEMY, Washington D.C.

June 2022

Texas Intelligence Scholar

- Learned about U.S. intelligence through lectures by distinguished scholars and practitioners, moderated discussions, simulation exercises, and visits to intelligence-related sites and facilities

UNIVERSITY FINANCE ASSOCIATION, Austin, Texas

May 2021 - Present

Chief Technology Officer

- Implemented an attendance and dues tracker using socket programming for communication, PyQT for interfacing, and pandas for backend database searching

COMPUTATIONAL MEDIA LAB, Austin, Texas

March 2022 - June 2022

Undergraduate Researcher

- Leveraged existing machine learning research to evaluate methods for automatic classification of misinformation on Parler, a right-wing social media platform