

Abigail Santiago

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EDUCATION

Davidson College

Bachelor of Science, Cum Laude, Computer Science Major

Davidson, NC

May 2018-May 2022

- GPA: 3.58
- Relevant Coursework: Introduction to Digital Art, Survey of Asian Art, Computer Graphics, Machine Reasoning, Data Structures, Analysis of Algorithms, Real-Time Systems

HONORS

Posse Foundation Scholarship

May 2018-May 2022

Davidson College Computer Science Award

April 2020, 2022

WORK EXPERIENCE

Making Co.

Remote

Frontend Engineer

September 2023-August 2024

- Developed for a scalable social media and marketplace application serving over 40,000 users
- Served as the lead frontend engineer for the web interface that enabled users to create and manage their storefronts
- Spearheaded API development for the marketplace platform using Django and SQL
- Collaborated with other engineers to remediate bugs, manage AWS infrastructure, and ensure website and application uptime
- Planned and delivered various features to further improve the design and functionality of the company website
- Attended craft related events to promote Making Co. and its mission to create an app for all makers

HR Solutions & Services, LLC

Remote

Producer

September 2022-Present

- Manage online HR training sessions through Microsoft Teams, Cisco WebEx, and Zoom
- Provide technical support and general assistance to attendees as they log onto the session, as well as throughout the session
- Support the HR trainer by troubleshooting technical issues as they arise and monitoring attendee participation
- Compose detailed reports of every session held for HR Solutions & Services and their clients

Texas Advanced Computing Center at The University of Texas at Austin

Remote

Undergraduate Researcher

June 2021-March 2022

- Developed and designed an independent research project titled "Investigating Bias in Machine Learning Models for Homelessness Resource Allocation" which utilized the "scikit-learn" and "matplotlib" Python machine learning libraries
- Accepted to and presented posters at Emerging Researchers National Conference in STEM (ERN) and the Practice and Experience in Advanced Research Computing Conference (PEARC) 2022

Project PRONTO

Davidson, NC and Remote

Web Developer

September 2019-May 2021

- Worked with the Davidson Hurt Hub to create user-friendly interfaces to track, manage, and schedule student employees
- Utilized MongoDB and SQL to store/manipulate student and client data

LEADERSHIP & INVOLVEMENT

Latinas Promoviendo Comunidad/Lambda Pi Chi Sorority, Inc

President

August 2021-April 2022

- Designed and held ~8 programs per semester that advanced the Sorority's vision, mission, and goals on campus
- Held ~3 events every semester that work towards philanthropic goals and ~2 fundraisers to go towards chapter funding
- Worked with and supported other NPHC and Multicultural Greek organizations to build an inclusive community on campus

D-CODE

Co-founder and Co-chair

Summer 2020-May 2022

- An organization for BIPOC and Minority students exploring the field of Computer Science

Fits For Change

Co-founder

Summer 2020-May 2022

- An organization selling donated clothing online to raise money for social justice organizations and promote slow fashion

The Student Initiative for Academic Diversity

Equity Consultant and Co-Recruitment Chair

Fall 2019-May 2022

SKILLS

- **Technical Skills:** Microsoft Suite, Google Suite, Asana, Notion, Zoom, SQL, MongoDB, React, RShiny, AWS Elastic Beanstalk, AWS EC2, AWS S3, AWS CodeCommit, Git, Matplotlib, NumPy, TensorFlow, pandas, scikit-learn
- **Technical Languages:** Python, Java, JavaScript, HTML, CSS, C, R, C++, C#