

Rodrigo Roque-Hernandez

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EDUCATION & ACHIEVEMENTS

The University of North Carolina at Chapel Hill - Chapel Hill, NC

B. S. in Computer Science & Data Science

Expected Graduation - May 2027

- **Relevant Coursework:** COMP 110 - Introduction to Programming and Data Science, COMP 126 - Practical Web Design & Development for Everyone, COMP 210 - Data Structures and Analysis, DATA 110 - Introduction to Data Science, MATH 381 - Discrete Math
- **HSF Scholar** - Awarded to awarded to Hispanic students who show a strong potential for sustained academic success and a commitment to academics

PROJECTS

Portfolio Website - Chapel Hill, NC

Ongoing Web Development Project

February 2024 - Present

- Implemented updates to enhance UI features including CSS Rule Sets, Flexbox Properties, and CSS Grid Properties
- Independently developed a personal website to exhibit portfolios, projects, and professional achievements

App Team Carolina (UI/UX Academy) - Chapel Hill, NC

In-Store Navigation

January 2024 - May 2024

- Acquired proficiency in UI/UX design principles and Figma through the enactment of design process and market research
- Recognized for outstanding achievement by winning the Most Functional Feature within the UI/UX Academy class
- Designed a prototype of how the feature would be used seamlessly with single items and shopping lists embedded within the app

LEADERSHIP & COMMUNITY INVOLVEMENT

Latinos in Tech - Chapel Hill, NC

Secretary

January 2024 - May 2024

- Worked alongside the club's founding members to aid in the expansion of the club being ingrained into the Society of Hispanic Professional Engineers (SHPE)
- Facilitated an inclusive and supportive environment for aspiring Latino professionals within the tech industry
- Fostered community engagement and leadership development for new members to connect with Latino professionals

Carolina Analytics & Data Science - Chapel Hill, NC

Member

December 2023 - Present

- Utilized data cleaning and analysis techniques, including visualization tools, cross-validation, and web scraping, to extract insights from datasets
- Enhanced data science skills through workshops and seminars, focusing on dataset analysis, information extraction, and cleansing for actionable insights

WORK EXPERIENCE

The University of North Carolina at Chapel Hill - Chapel Hill, NC

SDSS/MADS Intern

May 2023 - Present

- Contributed to ongoing research projects at SDSS focused on the intersection of data science and societal challenges
- Collaborated with faculty members to analyze data sets related to healthcare, sustainability, and social justice
- Assisted in the development and implementation of machine learning algorithms to extract insights from complex data