

NYLAND SIDIFALL

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EDUCATION

North Carolina Agricultural & Technical State University, Greensboro, North Carolina May 2022
Master of Science in Engineering: Computer Science GPA: **3.48**

North Carolina Agricultural & Technical State University, Greensboro, North Carolina May 2020
Bachelor of Science in Engineering, Computer Science GPA: **3.01**

PROGRAMMING SKILLS

React | React Native | Node | HTML | CSS | JavaScript | Python | Java | PHP

WORK EXPERIENCE

Port Strategy, San Francisco, California June 2022 – August 2022
Family Office Associate

- Sourced independent Web 3.0 projects and start-up companies whilst analyzing their proposed business plans to provide actionable feedback
- Defined the internal corporate structure by providing website, social media, and internal communications support at the CEO's digression

Apple, Cupertino, California May 2021 – August 2021
Internet Technologies Software Development Intern

- Produced a client server using Python and Flask to consume Kafka notifications as to gain insights on engineering processes
- Designed the foundation for the data aggregation system to scale for future development

NetApp, Durham, North Carolina June 2020 – August 2020
Systems Architect Intern

- Automated the creation of Kubernetes clusters with the Rancher container management platform using API in Python
- Completed a command line interface using Python and Click library to decrease node creation time

AT&T, Atlanta, Georgia June 2019 – August 2019
Product Owner Intern

- Generated cost saving pricing plans for Smart Cities Lighting by anticipating data usage and preventing overage penalties
- Lessened operation costs by 4 thousand dollars by utilizing the device's API to generate data for cost analysis

PayPal, San Jose, California May 2018 – August 2018
Core Development Platform Intern

- Created API utilizing Node.js and Express to help monitor internal systems for PayPal's developer operations team
- Produced a dashboard using React.js that connected to the API

Union Pacific, Omaha, Nebraska June 2017 – August 2017
Information Technology Intern

- Updated the company's content notification system utilizing Java, XML and JDBC by creating new interface program
- Increased content consumption by allowing information to display on a minimum of 240 TV Screens companywide

PERSONAL PROJECTS

MadeByNy.Land November 2022

- This is my portfolio website built with React and Tailwind CSS hosted on Netlify through GitHub

Meals To Go September 2022

- A cross platform mobile app React Native that allows users to purchase food like that of Door Dash

PROFESSIONAL DEVELOPMENT

Six Sigma Green Belt Certified - 20NC0302 April 2020

- Certification that ensures optimal management of systems, products and services efficiently with minimal issues

Management Leadership for Tomorrow (MLT), Washington, DC March 2018 – March 2020
Career Prep Fellow

- Selected as one of 350 for an 18-month professional development program for high-achieving diverse talent
- Completed business case studies and projects to hone analytical, quantitative and communication skills

AFFILIATIONS

Management Leadership for Tomorrow (MLT)	HBCUvc Class 5 Senior Fellow	Upsilon Pi Epsilon Honors Society	National Society of Black Engineers	Association for Computing Machinery
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