

Danny Mai

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EDUCATION

University of North Carolina at Charlotte

Aug. 2019 – Present

Bachelor of Science in Computer Science, Software Engineer Concentration

GPA: 3.66

Courses: Web App Design & Development, Network Based App Development, Software Engineering, Data Structures and Algorithms, Software Architecture & Design

TECHNICAL SKILLS

Front End: JavaScript (ES5 and ES6), React, HTML5, CSS3, Java

Back End: Node.js, Express.JS, MongoDB, MySQL

Developer Tools: Github, npm, Agile Methodology

Others: Responsive Web Design, Web Accessibility

PROJECTS

Active Duty Leave Prediction Planner | Javascript, Node.Js, Express.JS, CSS3

August 2022

- Sponsored by the United States Air Force – Special Warfare Training Squadron (SWTS)
- Developed a leave prediction planner that identifies anticipated manpower shortages and balance the Minimum Instructor Ratio (MIR), resulting in a greater output of 225 students per CY.
- Implemented server-side rendering with Node.JS to improve page load time
- Utilized MongoDB to create a database allowing each user to update, delete, and store their personal information

Moderna | HTML, CSS3, JS, Node.JS

August 2021

- Developed a network-based application that allows users to add and view future tech conferences
- Utilized MVC architecture to design and develop the web application, resulting in improved performance and scalability.
- Implemented data sanitization and validation to improve application security.

UNCC VSA Promotional Website | HTML, CSS3, JS, JQuery

May 2021

- Designed a responsive website for an organization that promotes Vietnamese culture across the local area.
- Created visually appealing layouts and interfaces using HTML and CSS
- Increased awareness of the organization by 20% from the website; more students and organizations within UNCC have collaborated with VSA for cultural and social events.

LEADERSHIP

UNC-Charlotte Vietnamese Student Association (VSA)

August 2021 - 2022

Internal Vice President

Charlotte, NC

- Directed a 23-member executive board for VSA, the largest Vietnamese American student organization at UNCC
- Administered a year-long internship for first-year students to gain leadership and job experience; developed recruiting, application, and training processes for 13 interns
- Supervised volunteer committees to promote upcoming cultural showcase, fundraising \$3k+ in donations
- Spearheaded direct outreach and Instagram marketing strategies to grow paid members by 120% to 250; increased Instagram followers by 80% to 1k+ and raised \$1.5k+ in membership fees

Black Tech Charlotte (BLKTECHCLT)

June 2018

UX/UI Design Intern

Charlotte, NC

- Monitored website design development for BLKTECHCLT, a 501(c)(3) non-profit that serves 2k+ Black entrepreneurs and technologists in the Charlotte area.
- Collaborated with diverse team of engineers and developers, expanded BLKTECHCLT's reach to 1k+ entrepreneurs.
- Mentored and provided feedback to engineers and developers through sprints and pair programming.