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Nicholas Danh

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Objective: Seeking an internship in software engineering or data science for Summer 2023

SKILLS

Languages	Java, Python, C, HTML, MATLAB, \LaTeX
Technologies	Windows, SOLIDWORKS

TECHNICAL EXPERIENCE

Collaborator / Data Visualization Project

Spring 2022

Virginia Tech

Blacksburg, VA

- Collaborated with two other students on a COVID data visualization project to evaluate trends in COVID cases
- Applied knowledge of data structures gained in the classroom to appropriately design linked lists to store and sort data
- Developed a visualization program for the COVID data that displayed bar charts based on case fatality ratio for each state

Programming Subteam Member / Engineering Design Project

Jan 2022 — May 2022

Virginia Tech

Blacksburg, VA

- Engaged collaboratively in a semester-long multidisciplinary team design project to solve on-campus traffic congestion
- Practiced effective communication and project management skills to ensure project progression and team coordination
- Utilized MATLAB and SOLIDWORKS to create supporting materials, such as graphs of pre-existing traffic data and virtual models, for our model bridge prototype

Volunteer / Research Proposal Team

Oct 2022 — Present

Hume Center For National Security and Technology

Blacksburg, VA

- Volunteered in a research question proposal team to supplement existing research on the OSINT Collection engine

Virtual Intern

Nov 2021 — Feb 2022

Enterprise Hall

Arlington, VA

- Completed rotational tasks in the areas of Corporate Strategy, IT, and Marketing
- Cleansed and analyzed a set of internship registration data using Microsoft Excel
- Developed technical requirements, test cases, and a landing page using WordPress
- Explored Salesforce CRM, earned badges on Trailhead, and completed Google Analytics for Beginners
- Researched and proposed supporting content for an upcoming marketing campaign
- Delivered a presentation for executives outlining internship program enhancements

EDUCATION

Bachelor of Science in Data-Centric Computing (Computer Science), Virginia Tech

Expected Graduation: May 2025

GPA: 4.0

ACTIVITIES

Artificial Intelligence and Machine Learning Club

Fall 2022

HackViolet 2022

Spring 2022

VTHacks IX

Spring 2022