Nicholas Danh

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

EDUCATION

Bachelor of Science in Data-Centric Computing (Computer Science), *Virginia Tech*   Expected Grad: May 2025
GPA: 4.0

TECHNICAL EXPERIENCE

Collaborator / Data Visualization Project   May 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

SKILLS

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

ACTIVITIES

Artificial Intelligence and Machine Learning Club	Oct 2022 — Present
HackViolet 2022	February 2022
VTHacks IX	February 2022