Karthik Nair

nairks01@vt.edu

Education

VIRGINIA TECH Blacksburg, VA
B.S. in Computer Science. Minor in Human-Computer Interaction. GPA 3.52. May 2023
Relevant Coursework: Software Design & Data Structures,
Computer Organization I/II, and Introduction to Human-Computer Interaction.
Dean's List: Fall 2020, Spring 2021, and Fall 2021.

HENRICO HIGH SCHOOL Richmond, VA
Graduated with Advanced and International Baccalaureate Diplomas. May 2019
National Honors Society. Founder of Sports Club. Member of the Soccer Team.

Experience, Leadership & Activities

VIRGINIA DEPARTMENT OF TAXATION Richmond, VA
Technology Intern June - August 2022
- Worked on a team to build an internal web application to help with auditing businesses.
- Used the Angular framework to make additions and changes to the frontend of the web application.

COMPUTER SCIENCE DEPARTMENT AT VIRGINIA TECH Blacksburg, VA
Ambassador August 2022 -
- Give prospective students insight and advice on the computer science curriculum.
- Conduct presentations, meetings, socials, and formal gatherings as a representative of the department.

ANANT CUISINE OF INDIA Short Pump, VA
Server September 2018 – January 2020
- Learned how to adapt to stressful situations, lead a team, and effectively communicate with people.
- Trained and mentored new employees.

Projects

PORTFOLIO WEBSITE November – December 2021
- Learned the fundamentals of HTML, CSS, and JavaScript.
- Utilized my knowledge on UI/UX design to make informed decisions on text font, text size, colors, button placement, and transitions.

COVID CASE-FATALITY RATIO DATA VISUALIZER November 2020
- Developed a Java program that displays graphs which depict Case Fatality Rate data for COVID patients of different races in various states.
- Learned about data structures, sorting algorithms, I/O, and how to implement GUIs in Java.

EMERGENCY ROOM WAIT TIMES IOS APP June– August 2016
- Learned the basics of Swift, XCode, and UI/UX design.
- Presented the app to my fellow classmates and their parents during a showcase.

Skills & Interests

Technical: Java, Python, Kotlin, Angular, HTML, CSS, C, Android Studio, Linux, UI/UX Design.
Communication: Public Speaking, Technical Writing, Technical Presentations, and Trilingual (English, French, Malayalam).
Interests: Football, Basketball, Tennis, Politics, and Traveling.