Neh Patel

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▼ University of Tennessee at Knoxville

- Major: Computer Science

- GPA: 4.0/4.0, Summa cum laude

- Expected Graduation: Undergraduate: May 2023, Masters: May 2024

▼ Awards

- The University of Tennessee at Knoxville Gonzalez Family award for Outstanding Student in Computer Science 2020 - 2021

▼ Skills

- Proficient in C++, C, Python, HTML, Java, CSS, and Scala

- Basic knowledge of SQL, TypeScript, JavaScript, Spring Boot

- Comfortable in Microsoft, Mac and Linux systems

▼ Projects

- Search Engine - Using web crawling and TF-IDF vectorization, I created a web crawler that would automatically assess the relevance of documents based on a user-supplied queries.

- A discord bot that would moderate the server by assigning roles and banning members if they said anything offensive. Was hosted on the cloud from June 2020 to September 2020.

▼ Work experience

- Garmin Intern (May 2022 – Aug 2022) – As an Intern at Garmin, I worked on the web development team in Aviation. This opportunity gave me a chance to practice my knowledge of object-oriented programming in a professional work environment.

- UTK Undergraduate Research Assistant (Nov 2021 – May 2022) – I worked as an undergraduate research assistant working in data visualization. I worked on implementing a website using python and using internal UTK APIs to visualize data pertaining to geographic mapping.

- UTK Tutor (Feb 2021 – Dec 2021) – I tutored for the computer science 130, which is based around Assembly programing and the basic computer components. I also tutored for cosc202 which teaches data structures and Algorithms which helps students get a better understanding of complex data structures in object-oriented programming.