Steven Nguyen

2054 Stover Dr • Lewisville, Texas 75067 • nguyensteven533@gmail.com • 469-933-4743

Education

The University of Texas at Austin   Austin, TX
BS in Computer Science   Aug 2022 – May 2026
Relevant Coursework: Data Structures, Discrete Math, Computer Organization and Architecture, Introduction to Programming, Intro to Probability & Statistics

Experience

StatSeeker.io
Backend Developer   Summer 2023 – present
- Designed SQL database schemas in Microsoft Azure SQL and PostgreSQL to accompany data requirements.
- Collaborated with front-end developers to integrate functionalities such as logins and APIs into the website using Python and Flask.
- Utilized SQL queries and conducted data analysis with Python to extract information from the database and completed planned goals and tasks on time using Jira and Epic.
- Developed APIs for front-end developers to integrate into the website.

Errorplanewatch.com
Backend Developer
- Designed Managed a server Ubuntu, configuring Nginx for web services.
- Developed RESTful API calls for backend functionality.
- Built Python backend with MongoDB storage for efficient data handling.
- Implemented web scraping using Playwright and Beautiful Soup for data extraction.
- Utilized Pandas for data analysis and manipulation tasks.

Huffman Coding
CS429 Project   Spring 2023
- Implemented the Huffman coding algorithm in Java to compress and decompress data efficiently losslessly.
- Utilized data structures such as trees, queues, and stacks, resulting in efficient data compression and decompression operations losslessly.
- Conducted extensive testing and debugging, demonstrating problem-solving and critical thinking abilities.

UTeach Outreach Engineering and Computer Science Summer Camp   Summer 2019
Student
- Designed and engineered interactive projects using Arduino boards and applied C++ programming to create custom functionalities and enhance user engagement.
- Actively engaged with guest lectures, industry professionals, and researchers, gaining valuable insight into real-world applications of engineering and computer science.

Dale Jackson Career Center
Computer Networking Class   Spring 2020
- Created a local area network to send packets of information between computers.
- Configured network protocols and features such as port forwarding.
- Implemented network security measures, including firewall configurations and access controls.

Leadership & Activities

The University of Texas at Austin
Society of Asian Scientists and Engineers   Spring 2023 – present

- Explored career opportunities within the computer science field.
- Actively involved in community enhancement projects and promoted Asian-heritage in engineering and science.
- Participated in professional development programs to meet and learn about professionals within the workforce.

Skills & Interests

Programming: Java, Python, C, SQL, git
Skills: Problem-Solving, Teamwork, Collaboration, Communication, Adaptability