Bennett Nguyen

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EDUCATION

Santa Clara University   **Santa Clara, CA**
Master of Science, Computer Science and Engineering   *Expected Graduation Date: June 2026*
Santa Clara University   **Santa Clara, CA**
Bachelor of Science, Computer Science   *Graduation Date: June 2024*
- Relevant Coursework/Organizations: C++/OOP courses, Data Structures & Algorithms, Single and Multivariable Calculus, Computer Networks, Data Science, Association for Computing Machinery (ACM)

WORK EXPERIENCE

PEL Learning Center   **Milpitas, CA**
Tutor/Teacher   *August 2024 - Present*
- Taught and tutored math/STEM and English to students of varying skill levels, leading to significant score improvements (e.g., average test score increase of 15–20% per student)
- Oversaw classroom activities, ensuring a structured yet engaging environment that enhanced student satisfaction and participation
- Provided individualized support and guidance, helping students overcome challenges and achieve academic goals, as reflected in positive student and parent feedback

Santa Clara University   **Santa Clara, CA**
TailorEd Project - Researcher   *June 2022 - September 2023*
- Drove the preparation for analysis of a collection of 3000+ pictures out of the project's 1 million+ photos
- Categorized and sorted photos in accordance with set criteria to align with the perspective of computer vision in order to prepare for input into machine learning algorithm; gained exposure to the components of the ML algorithm
- Provided feedback to research leadership and RA's on feasibly better methods that led to an increase of efficiency of the preparation process

Cisco   **San Jose, CA/Raleigh, NC (Remote)**
UI/UX - People & Communities Intern   *June 2020 – August 2020*
- Partnered with fellow interns from San Jose and Raleigh in a remote environment during the pandemic to create a modern solution to problems faced by high school students in the college application process
- Gained exposure to the concepts of user interface (UI) and user experience (UX) to help create a user-friendly app catered to high school students applying for college
- Experienced the responsibilities of an employee at Cisco while assisting mentor in team scrum workday meetings, undertook tasks needed to be completed by mentor's team

PROJECTS

Software Engineering Job RAG Analyzer   **Python, Scrapy, Selenium, LlamaIndex**
- Scraped and analyzed job listings from LinkedIn, Indeed, and Glassdoor using Python Scrapy, Scrapy-Selenium, and JSON to identify software engineering skill trends
- Teamed with 2 others to build an LLM-powered Retrieval-Augmented Generation (RAG) model with Llama-Index, ChatGPT embeddings, and a vector database to generate data-driven insights on industry demands

EVHub Student App   **Java, Android SDK, Gradle**
- Led a team of five to develop an Android-based school hub app for high school students using Java, Android SDK, and XML to provide a tailored platform for student interaction

VOLUNTEERING

- Tutored/supervised elementary students in various subjects at McKinley Elementary School for Catholic Charities CORAL after school program from January-March 2024
- Taught Milpitas High School students math for TutorBridge program in an online format during the spring of 2020
- Sorted various types of foods and participated in food distributions for Second Harvest Food Bank extensively from 2018-2020, participating on and off currently

SKILLS & INTERESTS

Skills: C++, Python, Java, JavaScript, React, HTML/CSS; UI/UX

Interests: Artificial Intelligence, Internet of Things, Cybersecurity, Robotics, Watching and Playing Sports