

Johan Nguyen

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EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Bachelor of Science in Computer Science (AI concentration), Minor in Mathematics

Sep. 2023 — May 2027

- GPA: 3.7/4.0 | NSF (National Science Foundation) S-STEM ADAPT Scholar, Stevens L.I.T. (Leaders Impacting Technology) Scholar, Edwin A. Stevens Scholar, Presidential Scholar, Dean's list.
- Relevant Coursework: Data Structures(Java), Algorithms(C++), Operating Systems(C), Intermediate Statistics, Linear Algebra, Computer Architecture Organization(C/C++), Discrete Structures, Research/Entrepreneurship in Computing

SKILLS

- **Languages/Frameworks:** Python(3yr), JavaScript(3yr), React(3yr), C++, C, TypeScript, HTML, CSS, SQL, Next.js, Tailwind CSS, Express.js, Node.js, Keras, Pytorch
- **Tools/Technologies:** MongoDB, PostgreSQL, AWS Lambda, Redis, Numpy, SciPy, Pandas, Jest, Github, Git

WORK EXPERIENCE

Fullstack Developer Intern

Sep. 2024 — Oct. 2024

Contentstack

Remote

- Engineered custom demos using **HTML**, **CSS**, **JavaScript**, and **React** to create interactive, visually engaging presentations, developing reusable components that **decreased demo creation time by 30%** and **increased business client inquiries by 40%**
- Integrated **RESTful** and **GraphQL APIs** to demonstrate the headless CMS's flexibility and capabilities, enabling advanced features in real-time applications. Refined the codebase by using **Jest** tests and automated **CI/CD pipelines**, **improving demo loading speed by 25%**

Technical Lead Software Developer

Dec. 2023 — Present

Stevens Blueprint

Hoboken, NJ

- Leading a team of student designers and engineers on pro-bono projects to create new brands, design systems, and websites for **InReach.org**. Implementing a **custom CMS** using **Next.js**, **React**, **TinaCMS**, enabling non-technical users to add, modify, and remove website content easily
- Directing the design and improvement of responsive user interfaces, utilizing **HTML**, **Tailwind CSS**, **React**. **Attracting over 25,000 visitors** and **more than 31,000 page-views**

Software Application Developer Intern

Jan. 2024 — Apr. 2024

Inchtone Global

Remote

- Built a support chatbot using **React**, **Express.js**, utilizing **PyTorch** to train an **NLP model** that automates responses to common user queries, **reducing support tickets by 80%** and **accomplishing 5 stars user satisfaction rate**

Software/Machine Learning Engineer Intern

Oct. 2023 — Mar. 2024

Stevens Institute of Technology

Hoboken, NJ

- Worked alongside PhD students to develop a multi-sensor wearable system with personalized AI and multimodal biofeedback, designed to enhance the movements of older adults at home
- Executed data processing tasks including cleaning and formatting with **Python**, and utilized **SciPy**, **Numpy**, **Pandas** for mathematical computation. Employed **Keras** for machine learning methods which improved in **30% accuracy**

PROJECTS

Founder, Code With Ducks

Sep. 2024 — Present

- Trusted by the board of **Stevens Institute of Technology** to lead and develop a program that educates underrepresented students **fundamentals of python, machine learning, artificial intelligence**
- Responsible for developing curriculum, managing weekly meetings, assigning tasks, ensuring effective team collaboration, and building the program's website using **JSX**, **CSS**, **React**

Personal Portfolio (seventhahn.github.io)

Sep. 2024 — Present