

Johan Nguyen

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EDUCATION

Stevens Institute of Technology

Hoboken, NJ

Bachelor of Science in Computer Science, Minor in Mathematics

Sep. 2023 — May 2026

- 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(R), Linear Algebra, Computer Arch.& Organization(C/C++), Systems Programming(C)

SKILLS

- **Languages/Frameworks:** Python(3yr), JavaScript(3yr), React(3yr), C++, C, R, 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 interactive demos with **HTML, CSS, JavaScript**, and **React**, creating reusable components that reduced demo creation time by **30%** and increased client inquiries by **40%**.
- Integrated **RESTful and GraphQL APIs** to showcase a headless CMS, enabling real-time features and refining the codebase with **Jest** tests and **CI/CD pipelines**, improving demo load speed by **25%**.

Technical Lead Software Developer

Dec. 2023 — Present

Stevens Blueprint

Hoboken, NJ

- Led a team of student designers and engineers on pro-bono projects to create new brands, design systems, and websites for **InReach.org**. Implemented a **custom CMS** using **Next.js, React, TinaCMS**, enabling non-technical users to add, modify, and remove website content easily.
- Directed the design and improvement of responsive user interfaces, utilizing **HTML, Tailwind CSS, React**. **Attracting over 28,000 visitors** and **more than 34,000 page-views**.

Software Application Developer Intern

Jan. 2024 — Apr. 2024

Inchitone Global

Remote

- Reduced user registration drop-offs by **60%** by minimizing form complexity, improving field validation, and speeding up load times using **React UI** and **Node.js/Express.js REST APIs**.
- Improved registration response times by **50%** through optimized **MongoDB** schemas and efficient indexing.
- 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

- Constructed a program for underrepresented high school students to learn Python, ML, and AI research, later acquired by Stevens Institute of Technology under STEP (Student Development & Enrichment Programs).
- Developed 100+ pages of curriculum and the program website using **JSX, CSS, React**, both reviewed and approved by Dr. Rabinovitch (ex-NASA) and Dr. Koskinen (ex-Amazon, IBM Research).

Personal Portfolio (seventhahn.github.io)

Sep. 2024 — Present