

Kevin Ha

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ
Bachelor of Science, Computer Science

August 2019 – May 2023
GPA: 3.83/4.00

Coursework: Data Structures, Algorithms, Web Programming, Agile Methods for Software Development, Systems Programming, Database Management Systems, Concurrent Programming, Operating Systems, Programming Languages

SKILLS

Languages: Java, C++, Python, C, JavaScript, TypeScript, HTML, CSS, Bash, Terraform, SQL

Frameworks and Libraries: React, Vue, Nuxt.js, Jest, Cypress, Express.js, Node.js, jQuery, Tailwind CSS

Databases, Tools, and OS: Docker, MongoDB, Git, Linux, AWS (Cloud Practitioner Certified), Jira, Grafana

EXPERIENCE

Software Engineering Intern, JPMorgan Chase & Co. (Jersey City, NJ)

June 2022 – December 2022

- Led the integration of a new incident analysis tool into Site Reliability dashboards using React and Flask
- Deployed AWS Lambda functions with Terraform to clean cloud resources which contributed to \$40,000 of monthly savings
- Developed a Python backend integrated with a CI/CD pipeline that aggregates client data across trading platforms
- Designed Grafana dashboards to monitor and provide visualization of client data on trading platforms
- Increased and maintained a code coverage average of 90% for Python and Jest unit tests

Course Assistant, Stevens Institute of Technology (Hoboken, NJ)

May 2021 – December 2022

- Guided students across two semesters of Systems Programming which covered Bash scripting and C programming in Linux
- Assisted students in Graduate Web Development which covered full-stack development with Node.js, Express.js, and MongoDB

Lead Webmaster, Stevens Castle Point Anime Convention Club (Hoboken, NJ)

August 2019 – Present

- Aided in the development of Castle Point Anime Convention's website using Hugo and deployed with AWS Amplify
- Created a webpage used to advertise and support 50+ local artists and businesses affected by COVID-19
- Led website maintenance responsibilities with a team of 10 student developers using Scrum principles and Jira

Application & Software Development Intern, Colgate-Palmolive (Piscataway, NJ)

January 2022 – May 2022

- Developed responsive user interface components for Colgate's Direct-To-Consumer websites using Vue and Tailwind CSS
- Utilized Jest and Cypress to create unit tests for Vue components and to perform end-to-end testing
- Collaborated with engineers through scrum stand-ups, code reviews, and pair programming to ship production ready code

IT Operations Intern, Colgate-Palmolive (Piscataway, NJ)

August 2021 – December 2021

- Contributed to the transition of over 50,000 batch jobs used for global business operations across automation platforms
- Developed an internal tool to make the IT software access requesting process more organized and efficient

PROJECTS

AA-DR Portal, Castle Point Anime Convention

January 2023 – Present

- Overhauled a manual process of onboarding convention vendors by developing an online web portal using React and Flask
- Created a uniform development environment using Docker and deployed as a containerized application to AWS ECS

Shima, HackNJIT 2022 First Place Winner

November 2022

- Built an app with Flutter that provides a trail for lost hikers to retrace their steps using Google Maps API

Quick on the Trigger Trivia Bot, Castle Point Anime Convention

March 2021 – May 2021

- Developed an interactive Discord trivia chat bot for virtual convention attendees using Node.js and MongoDB
- Deployed an AWS EC2 instance to host the bot and released on a Discord chat server consisting of 1000+ members

ACTIVITIES

Stevens Computer Science Club, Secretary

April 2021 – December 2021

- Hosted an introductory Git and GitHub workshop teaching 40+ students version control fundamentals and best practices
- Organized and planned weekly student-run workshops which covered topics from Machine Learning to UI/UX fundamentals