

Hasumi Tanemori

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ Aug 2020 – May 2024
Bachelor of Science, Computer Science **GPA: 3.96**
Awards: 1st Place, 2024 RESNA Student Design Challenge; Student IMPACT Award, 2024 RESNA's Developers' Showcase;
Upsilon Pi Epsilon Honor Society; John Barnes Memorial Senior Design Award; Dean's List; Presidential Scholarship

EXPERIENCE

Vibrnz, Hillsborough, NJ Mar 2024 – Aug 2024
Software Engineer

- Collaborated with developers and other stakeholders to implement new features and enhance existing functionalities—improving the overall user experience and responding to customer needs.
- Integrated a third-party API to expand the business's capabilities and respond to client-requested features.

Vibrnz, Hillsborough, NJ May 2023 – July 2023
Software Engineering Intern

- Optimized the user experience for a web application by implementing new features and refining existing components using Ruby on Rails, JavaScript, and PostgreSQL.
- Researched areas for user experience enhancement opportunities and developed implementation strategies.

Thingee Corporation, Parsippany, NJ Sept 2022 – Dec 2022
Software Developer Intern

- Implemented new features and improvements to both frontend and backend components of web applications and wrote unit tests and integration tests to validate the new functionalities.
- Designed user-centered web page layouts using Figma to enhance user flow for an existing application.
- Automated data collection processes and website service testing by developing dedicated Ruby scripts.

Thingee Corporation, Parsippany, NJ Jan 2022 – May 2022
Software Developer Intern

- Identified bugs in web applications, outlined steps for replication, and resolved confirmed issues.
- Improved user experience across internal and external websites by adhering to the Web Content Accessibility Guidelines (WCAG) to ensure inclusivity and accessibility for all users.

Numerix LLC, New York City, NY May 2021 – Aug 2021
Quality Assurance Engineer Intern

- Developed automated quality assurance tests using Java and Selenium to reduce manual testing time.
- Conducted quality assurance tests on Jira issues to ensure the effectiveness of completed product fixes.

PROJECTS

Haptic Hero | *React, Node.js, Express.js, AWS, HTML/CSS, Raspberry Pi Pico* Sept 2023 – Current

- Collaborated on an interdisciplinary team of Mechanical Engineering and Computer Science students to design and develop an accessible music-based rhythm game for individuals with visual impairments.
- Created a web application using React, Node and Express, integrating a RESTful API to enable data exchange between the server and the client by hosting it on AWS Elastic Compute Cloud.
- Programmed the Raspberry Pi Pico-based controller to receive gameplay cues and transmit button inputs to the web application using BLE and UART service.

SKILLS

Languages: JavaScript, Python, Ruby, HTML/CSS, Java, Kotlin, SQL, C/C++
Frameworks/Libraries: React, Node.js, Express.js, Ruby on Rails, jQuery, Bootstrap, Material UI
Tools: VS Code, Git/GitHub, Bitbucket, MongoDB, PostgreSQL, Figma, AWS (Amazon Web Services), Postman, Jira, Unix, Docker, IntelliJ, Eclipse, Android Studio, Selenium