# 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**: Upsilon Pi Epsilon, John Barnes Memorial Senior Design Award, Dean's List, Presidential Scholarship, Martha Bayard Stevens Scholarship, Edwin A. Stevens Scholarship

## EXPERIENCE

**Vibrnz**, Hillsborough, NJ
Software Engineer (Part-Time)                                                          Mar 2024 – Current
- 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
Software Engineering Intern                                                            May 2023 – July 2023
- 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
Software Developer Intern (Co-op)                                                      Sept 2022 – Dec 2022
- 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
Software Developer Intern (Co-op)                                                      Jan 2022 – May 2022
- 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
Quality Assurance Engineer Intern (Co-op)                                             May 2021 – Aug 2021
- 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 – May 2024
- 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