Satoki Ohashi

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EDUCATION

University of California, Santa Cruz — **Santa Cruz, CA**
Bachelor of Science, Computer Engineering - System Programming — December 2023 (Expected)
- Vice President, Japanese Student Association (2020-2021).

EXPERIENCE

e-Seikatsu, CO., LTD. — **Tokyo, Japan**
Software Engineering Internship — August 2022 - September 2022
- Developed a web application that allows users to search for rental housing by their amenities.
- Implemented heat map searching feature using map API so that users can search areas based on trends.
- Leveraged knowledge in Git, TypeScript, Vue.js, APIs, Web Developer Tools, and Agile methodologies.

Nifty Corporation — **Tokyo, Japan**
Software Engineering Internship — August 2022
- Worked as a scrum master to define project scope and solve technical problems.
- Facilitated the web-process of subscribing to a phone carrier and fixed some major bugs in an application.
- Leveraged knowledge in JavaScript, Python, Flask, Docker, AWS Code Commit, and Scrum team building.

PROJECTS

Personal Website: https://satokiohashi.com (for additional information and projects)

GenPlate (www.genplate.app)
Web App - (TypeScript, React.js, Node.js, Chakra-UI, AWS Lambda) — December 2022 - January 2023
- Developed a web application that generates email, social media posts, and message templates with the GPT-3 API, allowing users to customize templates in 12 languages and edit them using the built-in editor.
- Source code available at https://github.com/FrancisBrokering/GenMail.

ServiceXchange
iOS App - (Swift, SwiftUI, Firebase) — January 2022 - Current
- Building a centralized service network connecting service providers from a wide variety of customers.
- The app allows anyone to easily request or provide a service whether it be a babysitting gig, a grocery delivery driver, handyman, or online consultant.

SKILLS

Programming Languages: Python, C, C++, JavaScript, TypeScript, Swift, HTML/CSS
Frameworks & Tools: React.js, Vue.js, Node.js, Flask, Chakra-UI, SwiftUI, Git, Sckit-Learn, TensorFlow

RELEVANT COURSEWORK

Algorithms and Data Structures: Sorting, Searching, Graph Algorithms, DP, Heaps, Stacks, Queues
Computer Networks: Protocols (TCP/IP, FTP, UDP, HTTP, etc.), Routing Algorithms, Sockets
Computer Systems Design: CPU, Memory, I/O, Filesystems, Virtualization, Distributed Systems
Computer Architecture: ISA, Memory Hierarchy, Concurrency and Parallelism, ILP
Machine Learning: Supervised, Unsupervised, Deep Learning, Neural Network, NLP, Transfer Learning.

LANGUAGES

Japanese: Native, **English:** Fluent