

# Aramie Rachel Ewen

[aramie.000](mailto:aramie.000)

Attentive and creative software engineer with a deep understanding of intentional communication through editing experience.

[linkedin.com/in/aramie-ewen-37869324a/](https://www.linkedin.com/in/aramie-ewen-37869324a/)

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**Skills:** JavaScript and TypeScript (React, Tanstack Router, Tailwind CSS, Zod, Zustand, Chart.js, Next.js, React Native, tRPC, Prisma), Python (Pandas, Numpy, DuckDB, Plotly Express, Flask, one-liners), C, Java, Git and Github, Emacs (Evil), Linux (WSL, Ubuntu), SQL, Photoshop/Affinity, Figma.

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## Work Experience

### **Theory and Practice (TAP) - Vancouver, Canada (Remote) - Front-End Engineering Intern**

JULY 2022 - SEPT 2022, JUNE 2024 - FEB 2026

- Corresponded with product lead, backend engineers, and data scientists to flesh out articulate web pages that well-represent customer data.
- Increased page load speed 15x with a custom multi-select component that prefetches data to be aggregated on the backend on hover, caches the results with Tanstack Query, and displays selected values in a Chart.js bar chart.
- Comprehensively compared 3+ charting libraries; built graphs with Observable, Chart.js, and Plotly. Wrote a detailed comparison document to make an informed infrastructure decision with the product lead.
- Transitioned app from JavaScript to TypeScript, and added Zod for API response validation.
- Completed training in AWS, Docker, Numpy, and Pandas.

### **Outer Labs - New York, NY (Remote) - Full-Stack Developer**

SEPT 2021 - DEC 2021

- Collaborated with a team of 3 talented engineers to follow client specifications for an app using React.js and Flask (with SQL).

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**Projects:** **Hustle and Bustle**: real-time transportation app with a React Native mobile app, React admin portal, and tRPC backend; **OrgMobile**: cross-platform mobile text editor built in React Native with Emacs Org-Mode functionality; **RedHerrings**: web-based game built with React and Flask that had users guess web-scraped headlines from headlines generated with Markov chains.

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**Awards:** **HNTB Custom Challenge Award @ GoatHacks 2025** for Hustle and Bustle, **Best Visualization Award @ CEWIT 2024** for Choosy Chompers, **2nd place @ TechHacks Hackathon 2020** for RedHerrings

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## Education

### **Stony Brook University**

EXPECTED: May 2027

Bachelor of Science in Computer Science (Honors) with a minor in Mathematics; **GPA:** 3.78

**Clubs:** The Bay Gull (Satirical Newspaper, Editor-in-Chief), The Statesman (Copy Editor Intern)

**Relevant coursework:** Systems and C Programming (CSE 220, CSE 320), Honors Analysis of Algorithms (CSE 385), Cloud Computing (CSE 356), Computer Networks (CSE 310), Software Engineering (CSE 316, CSE 416), Honors Java (CSE 160, CSE 260)

### **Brooklyn Technical High School**

GRADUATED: JUNE 2023

**GPA:** 99; **SAT:** 1530 (800 Math, 730 English)

**Clubs:** The Radish (Satirical Newspaper, Editor-in-Chief), TechCodes (Programming Instructor)

*References available upon request.*