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██████████ University | ██████████, NY

**May 2027**

- Relevant Coursework: Data Structures, Foundations of Computer Science, Calculus 2, Mathematical Statistics

██████████ High School | ██████████, NY

**June 2023**

Relevant Test Scores: 1470 SAT, 5 AP Computer Science A, 100% SUNY Calculus AB Final

**Languages (in order of proficiency):** JavaScript, TypeScript, Java, SQL, Rust

**Frameworks/Libraries:** React, React Native/Expo, NextJS, Node.js, ExpressJS, Tanstack Query, Zustand

**Platforms:** Windows 10/11, Linux (Arch, Debian, Fedora)

### Whim – Location-based Social Platform

*Client Technologies: TypeScript, React Native, Expo, Tanstack Query, Zustand*

*July 2025 - Ongoing*

*Server Technologies: TypeScript, Node.JS, ExpressJS, PostgreSQL, PostGIS, Drizzle ORM, Firebase Admin*

- Enabled seamless cross-platform mobile experiences for iOS and Android using TypeScript, React Native and Expo.
- Utilized Tanstack Query and Zustand for optimized state management, data fetching, and data persistence.
- Designed and implemented a robust backend with Node.JS , ExpressJS, and PostgreSQL, leveraging PostGIS for efficient geospatial data handling and queries and Firebase for SMS authentication.

## HFrame – JS/TS Canvas-based UI Framework

## Technologies: TypeScript

**March 2025 – May 2025**

- Adhered closely to OOP principles to create a versatile and extensible canvas-based web framework, emphasizing code modularity, scalability, and maintainability.
- Implemented several design patterns, including the composite, observer, decorator, and factory patterns, resulting in improved system flexibility and reduced code duplication.
- Analyzed performance using the browser profiler and took steps to optimize demanding layout and render operations.

## AInstein.io – AI Research Assistant

*Technologies: TypeScript, React, NextJS, Drizzle ORM, OpenAI API*

**October 2024 – December 2024**

- Developed a RAG pipeline using the OpenAI and S2AG APIs, providing reliable assistance to **50+** registered users.
- Integrated my custom authentication flow with several OAuth 2.0 providers, ensuring ease of customer registration.
- Learned to effectively utilize LLMs for menial design tasks, allowing me to shift my focus to the overarching design.

## [REDACTED] | [REDACTED], NY

### Seasonal Groundskeeper

## Summers 2024 & 2025

- Assisted in daily upkeep, maintenance, and renewal operations for [REDACTED]
- Coordinated effectively with colleagues and management, ensuring timely completion of short and long-term projects.
- Learned to safely operate multiple utility vehicles, providing reliable transportation for colleagues and equipment.

CVS | [REDACTED], NY

Store Associate

June 2022 – August 2023

- Ensured a positive shopping experience by assisting shoppers with inquiries and issues, fostering customer loyalty.
- Utilized POS systems to process transactions efficiently, handle returns, and manage inventory.
- Developed strong communication skills through daily interactions with customers and team members.