

# Alex Chan

## Resume

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### EXPERIENCE

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#### Tennis Coach at NYJTL

2024 June-August

- Coached 20+ beginner to intermediate students in tennis fundamentals, strategy, and tournament preparation
- Built strong communication skills working directly with parents and students across competitive events

#### NYU Langone Hospital Lab Assistant

2023 September-November

- Processed, labeled, and tracked blood samples in compliance with hospital and regulatory protocols
- Maintained inventory of blood products and coordinated timely specimen delivery to support clinical staff
- Updated records in laboratory information systems, ensuring accuracy across patient and supply data

#### Retail Salesmen at Adidas

2023 June-November

- Worked 6 months under Adidas, approximately 5 hours a week.
- This experience helped sharpen my customer service skills
- Learned how to manage a store and work as a cashier

#### National Marrow Donor Program Volunteer

- Volunteered for events at Stony Brook University
- Spread awareness about bone marrow donation

### PROJECTS

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#### AI Resume Analyzer (Node.js, Express, Anthropic Claude API, Chart.js, SSE)

2026 June

- Built a full-stack AI-powered resume analyzer supporting drag-and-drop PDF upload and plain text input.
- Integrated Anthropic Claude API to score resumes across 5 dimensions: Skills Match, Experience Quality, Formatting, ATS Compatibility, and Impact.
- Implemented real-time response streaming using Server-Sent Events (SSE) for progressive result reveal as the AI responds.
- Engineered a bullet point rewriter, a missing keywords tag cloud, and a role match detector to provide actionable resume feedback.

#### Personal Portfolio Website (HTML, CSS, JavaScript)

2026 May

- Designed and developed a responsive single-page portfolio website to showcase projects and experience
- Implemented scroll-triggered animations, a typewriter hero section, and a bento grid project layout
- Hosted on GitHub Pages with a custom domain for public accessibility

### EDUCATION

#### Stony Brook University (Class of 2028)

-Majoring in Information Systems

-Vice President External of Lambda Phi Epsilon

-Relevant Coursework: Data Structures, Systems Networks, Digital Logic Design, Electrical and Computer Engineering

### SKILLS

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**Languages:** Java, C, C++, Python, HTML/CSS, JavaScript, SQL

**Frameworks & Libraries:** Node.js, Express.js, FastAPI, REST APIs, Chart.js

**Tools & Platforms:** Firebase, Git, Wireshark

**Concepts:** OOP, SSE Streaming, Cloud Databases, AI/LLM Integration