Andrew Nguyen

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EDUCATION

Bachelor of Science in Computer Science

Pennsylvania State University **Graduated: December 2025**

- **Relevant Coursework:** Intro to Software Engineering, Software Engineering Principles, Data Structures & Algorithms, Automata Theory, Operating Systems, Database Management Systems, Artificial Intelligence

EXPERIENCE

Outlier AI **Dec. 2025 – Present**

AI Data Specialist

- **Created prompts** and **evaluated model responses** for training workflows using **RLHF**; wrote clear feedback to improve **instruction-following** and **reasoning**
- Reviewed outputs for **policy and safety requirements** (harmlessness, truthfulness, privacy); **flagged issues** and proposed corrected responses that follow guidelines
- Performed **quality assurance** on other analysts' work (prompts, feedback, conversations); checked **rubric alignment** and documented fixes to improve consistency

Amazon **Sep. 2024 – Present**

FC Associate I, L1

- **Cross-dock** at **NIXD (RPND)**: route inventory between sites; stage lanes, palletize, and load

PROJECTS

TopSignal **React | NodeJS | SignalR | TailwindCSS**

- **Built** a Topstep-connected trading analytics dashboard that pulls **account, order, and trade data via API**, then turns it into clear performance reports for futures trading
- **Computed and visualized** key performance metrics: **net P&L, fees, win rate, profit factor, max drawdown, total trades**, direction bias, expected $ per trade, average hold times, **equity curve**, **P&L calendar**, and time-based edge analysis
- **Streamed live market data** (**best bid/ask, spread, volume**) and built a **full trade log UI**; supported my process and reached **$60k in gross withdrawals** from Topstep funded accounts
- Developed an **optional rules-based automation bot** to enforce **risk and execution rules**, with configurable logic I can extend and deploy

NextStepAI **React | React Native | NodeJS | MongoDB**

- **Architected** a **14-route Node/Express API** for applications, auth, search, profiles, and messaging; used **MongoDB aggregation** to return application history with embedded job metadata in one request
- Implemented **multi-channel auth**: **bcrypt email login**, **Google OAuth**, and **Twilio voice** 6-digit codes (expire in **5 minutes**, lock after **3 attempts**); issued scoped **JWTs**
- Built a **React swipe interface** and paired it with a messenger that **polls every 5 s**; triggers the **/apply flow** on a right drag over **100 px**

TECHNICAL SKILLS

Languages: **Python, C/C++, Java, JavaScript, TypeScript, SQL (PostgreSQL)**, HTML/CSS
Frameworks: **React, React Native, Node.js, Express**, React Router, **Tailwind CSS**, JWT, **WebSockets/SignalR**
Databases: **MongoDB Atlas (Mongoose), PostgreSQL**
DevOps & Tools: **Git, Docker, GitHub Actions (CI/CD)**, AWS (S3, CloudFront, Route 53), Firebase Cloud Messaging, Vite
Testing: **Jest, React Testing Library, Cypress**