ENZO WEISS

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Education

San Diego State University — **May 2027**
Bachelor of Science in Computer Science (Minor: Mathematics), GPA: 3.7/4.0 — *San Diego, CA*

Certification: Machine Learning Foundations (Cornell University, 2025)

Relevant Coursework: Data Structures, Advanced Programming Languages, Software Systems, Statistics, Artificial Intelligence, Object-Oriented Programming, Computer Organization, Linear Algebra

Technical Skills

Languages: Python, Java, C/C++, JavaScript, Flutter, Swift, SQL, HTML/CSS, MIPS
Developer Tools: React, Pandas, scikit-learn, VS Code, Xcode, Git, AWS, Google Cloud Platform

Experience

Stealth Company (Break Through Tech) — **Aug 2025 – Present**
Software Engineer Intern — *Remote*
- Developing NLP pipeline to analyze 10,000 customer conversations weekly across 5 digital platforms, applying classification and sentiment analysis to uncover pain points, detect trends, and generate insights for a banking client.
- Implementing a React dashboard and iOS app to deliver analysis and insights from the NLP models, enabling stakeholders to explore customer sentiment and trends in real time.

Zip Launchpad — **Aug 2025 – Present**
Software Engineer Intern — *San Diego, CA*
- Designed and deployed a React web application hosted on Vercel with a Supabase backend for Techstars San Diego, automating mentor–founder matching for 12 companies, 31 founders, and 100+ mentors in the 2025 cohort.
- Engineering websites and iOS applications in Python, JavaScript, React, and Swift to turn client concepts into deployable, user-ready MVPs.

Break Through Tech (Cornell University) — **May 2025 – Present**
AI/ML Fellow — *Remote*
- Engineered end-to-end ML pipelines using Python, scikit-learn, and Pandas across tabular and NLP datasets, achieving an AUC of 0.903 and reducing data preparation time by 30% through feature selection and pipeline automation.
- Presented sentiment-analysis and classification models (Logistic Regression, Neural Networks) to peers and mentors, demonstrating 81% F1-score on real-world book review data and driving adoption in follow-up projects.

Voodies — **Feb 2025 – May 2025**
Software Engineer Intern — *San Diego, CA*
- Developed and deployed Edit Profile feature with SQL-based validation for usernames/emails, reducing failed profile updates by 99% and improving reliability for 600+ early users in the April 2025 cohort.
- Optimized Profile page UX by implementing infinite scroll, reducing navigation clicks to zero and extending average session duration by up to 115%.

Projects

AI Financial Health Advisor (LPL Financial Hackathon) | *Python, JavaScript, AWS, Claude 3.5* — **January 2025**
- Engineered prompts for Anthropic's Claude 3.5 model to analyze user bank statements and provide tailored financial feedback and recommendations, ranging from strict saving strategies to aggressive investing approaches.
- Integrated AWS Bedrock and AWS Lambda with DynamoDB to enhance AI-driven financial analysis, enabling scalable storage/retrieval of user data and real-time personalized insights.

Leadership / Extracurricular

World Computing Organization — **Fall 2024 – Present**
Founder & President — *San Diego State University*
- Founded and expanded a CS club to 200+ members in 4 months, leading 8 executives and an active Discord community.
- Organized 20+ events with an average attendance of 55 members, including guest speakers, workshops, and project days, resulting in members being prepared for industry roles and led to multiple internship offers.

Phi Delta Theta — **Spring 2024 – Present**
Vice President of Philanthropy — *San Diego State University*
- Orchestrated 5-day philanthropy week that raised $20,000 for ALS; largest fundraising event in chapter history.

Color Stack — **Fall 2024 – Present**
General Member — *Remote*
- Engaged in workshops, technical interview prep, and networking events with peers and industry professionals.