

LEO FRIEDMAN

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EDUCATION

University of California, San Diego

Expected Graduation June 2025

Bachelor of Science in Computer Science, Minor in Business Economics

- GPA: 3.94/4.0
- Blockchain of San Diego Club - Internal Engineering Team

TECHNICAL SKILLS

Front End | React, Javascript, TypeScript, HTML, CSS, NodeJS

Back End | Python, Java, Django, PostgreSQL, AWS: Lambda, DynamoDB, API Gateway

Developer Tools | Docker, Git, npm, Pytest, Jenkins, JUnit, Agile Methodology

PROFESSIONAL EXPERIENCE

CureMetrix

June 2023–Present

Software Engineer Intern

Python | Typescript | React | Django | PostgreSQL

- Implemented UI features with React and server-side improvements with Django to streamline workflow on a complex annotation web app (total lines of code > **250,000**).
- Reduced build time during local development by **92%** with custom docker-compose files and scripts.
- Proposed, engineered, and deployed annotation optimizations that minimized the number of user clicks required for saving, reducing the count from **4 to 1**.
- Effectively communicated task progress in an accessible manner to senior executives during daily standup meetings.

PROJECTS

Full-Stack Software Engineer, Project Lead | applyto.tech

Internship application management web application

React | Django | PostgreSQL

- Leveraged React component memoization and list virtualization to reduce rendering delay in list components by **98%**.
- Designed and implemented an algorithm to scrape and parse **over 500** tech-focused internships on page load.
- Guided peer engineers on front-end development techniques and industry best practices.

Front-End Software Engineer | Shopedia

Storefront recommender web application

React | JS

- Collaborated with a team of 6 to design wireframes in Figma and engineer reusable, styled components in React.
- Employed agile methodologies including: iterative deliveries, standup meetings, and kanban board task management.

Data Science Engineer, Project Lead | Baseball Salary Prediction

Sports data analysis and predictive modeling project

Python | pandas | NumPy | Scikit-Learn

- Led a team of five in developing a baseball salary predictive model using Scikit-learn Decision Tree Regressor, ultimately increasing predictive accuracy by **over 400%** (when compared to a linear model).
- Cleaned and organized **over 125,000** baseball observations from three independent datasets into one relational database with pandas.

Front-End Software Engineer, Founder | YouFocus

Productivity boosting Chrome extension

JS | HTML | CSS | Chrome API

- Managed an active monthly user base of **over 150**. Generated **over 600** total downloads.
- Adhered to recommended engineering practices for Chrome extensions, resulting in a **5 star** rating and a featured badge on the Chrome Web Store.