

# Stone Werner

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## EDUCATION

### University of California, Berkeley

*B.A. Computer Science*

Berkeley, CA

December 2023

- GPA: 3.5
- Coursework: Artificial Intelligence, Operating Systems, Software Engineering, Computer Security, Data Structures, Discrete Math and Probability, Machine Structures, Electrical Engineering, Efficient Algorithms, Databases

## EXPERIENCE

### AI Training Software Engineer

*Scale AI*

December 2023 - Present

*Remote*

- Improved large language model (LLM) accuracy by 15% and efficiency by 10% with advanced prompt engineering.
- Reduced hallucinations by 10% through developing Python responses to prompts to reinforce LLM precision.

### Tech Team Intern

*Caruso*

June 2023 - August 2023

*Los Angeles, CA*

- Developed PowerShell scripts and batch files to streamline HR operations, reducing on-boarding time by 30%.
- Improved company communication efficiency by 20% by refining security-enabled MS Active Directory Groups.
- Further developed Caruso Signature iOS loyalty app across 4 sectors, identifying 15 key areas for enhancement.

### Vice President of Projects

*Gauntlet Consulting Club at Berkeley*

January 2022 - January 2023

*Berkeley, CA*

- Owned SV tech startup relationships with internal CRM, retained all projects with 40% increased completion.
- Led performance motivation workshops, cutting average timelines by 2 weeks and boosting productivity by 15%.
- Reorganized project management structure, resulting in 20% greater project capacity across the organization.

### Software Engineering Project Manager

*Gauntlet Consulting Club at Berkeley — Skeyeon*

July 2021 – January 2022

*Berkeley, CA*

- Enhanced satellite data transmission by 2X up to 12.8 Gbps from the Skeyeon Near Earth Orbiter (NEO™).

### Data Scientist

*Gauntlet Consulting Club at Berkeley — SEEKRZ*

January 2021 – July 2021

*Berkeley, CA*

- Individually developed Python scripts to refine 20,000 data points of barcodes, SKUs, manufacturers and other metrics to ultimately construct a machine learning model to distinguish between authentic and counterfeit goods.
- SEEKRZ Authentication Tool adopted scripts, reducing counterfeit goods by 30% and increasing revenue by 15%.

## PROJECTS

### Custom Unix-based Operating System, Pintos | *Operating Systems Course: C, Assembly*

October 2023

- Synchronized a robust multi-threading system, achieving a 30% reduction in overall program execution time.
- Efficient memory management strategies reduce memory overhead by 20% and optimize system performance.
- File system (FFS) manages a storage capacity of over 2 TB and achieves a 40% reduction in file access latency.

### Artificial Intelligence Pacman | *Artificial Intelligence Course: Python*

March 2023

- Utilized artificial intelligence methods to individually implement Pacman agent to efficiently solve any puzzle.
- Developed Pacman AI agent using optimal search algorithms, utility theory, machine learning perceptrons, Markov models, and neural nets in Python, achieving a 98% success rate solving complex puzzles.

### NumPy Library Clone | *Machine Structures Course: C*

April 2022

- Achieved mathematical speedup of over 800X, reduced complex computation time by 75%, earned perfect 100%.

## TECHNICAL SKILLS

**Languages:** Python, C, JavaScript, Java, Agile Development, Assembly, RESTful API, AI, Machine Learning

**Operating Systems:** Windows, MacOS, Linux, Unix

**Applications:** Microsoft Office (including Excel, Powerpoint), Google Workspace, Adobe Creative Cloud, CRM, Git

**Interests:** Surfing, Volleyball, Fitness and Nutrition, Feng Shui, Cars, Poker, Skiing, CodePath, Sustainability