

Daris Chen

(562) 386-3975 | daris.chen@gmail.com | linkedin.com/in/darischen | github.com/darischen | darischen.com | US Citizen

EDUCATION

University of California San Diego

Bachelor of Science (B.S.) in Computer Engineering

San Diego, CA

WORK EXPERIENCE

Project Mensa LLM Evaluator Fellow (Contract)

Oct 2025 – Present

Handshake AI

Remote

- Annotated and ranked LLM outputs (instruction-following/safety/usefulness) to improve supervised and RLHF datasets; maintained high inter-annotator agreement (IAA) and data consistency.
- Performed QC/adjudication and codified edge cases into guideline updates during synchronous calibration sessions; consistently met throughput/accuracy SLAs within time-cap/AHT constraints.

FishSense Artificial Intelligence Researcher

Feb 2025 – Present

UCSD Engineers for Exploration (E4E)

San Diego, CA

- Reproduced Measuring Laser Beams with a Neural Network's RRPN/ResNet-50 beam-profiling DNN by setting up its Detectron2/PyTorch codebase, running training & inference, and documenting a clean, reproducible setup.
- Adapted the model for fish head/tail detection with dual-laser baseline scaling to infer range/size, enabling pixel-to-centimeter conversion.

Software Engineering Intern

Jan 2025 – Sep 2025

PersonifyApp.ai

Remote

- Refactored feature leaderboard user interface using Next.js, Tailwind CSS, and Firebase, increasing user traffic by 15%; designed duplicate-detection logic in Firebase to clean the data pipeline.
- Introduced admin controls for request approvals, rejections, and closures, halving resolution times.
- Implemented vote-based ranking, category sorting, and search, reducing user interaction time by 20%.
- Collected and labeled 200+ top-college admission essays via manual scraping and Google Sheets; used an internal NLP tool to extract frameworks and summaries, enhancing content structure and discoverability.

PROJECTS

Groundwork Books Website | *Next.js, Firebase Auth, Redis, Pinecone, Husky*

Aug 2025 – Oct 2025

- Built a production e-commerce web app (Next.js + Tailwind) and integrated Square for cart, hosted checkout, and real-time inventory/order tracking (4,000+ SKUs), deployed on Vercel.
- Refactored the frontend with reusable React/Next.js + Tailwind components and Firebase Auth gating; unified Store/Search/Checkout UIs and added client-side caching and skeletons to improve perceived load time and reduce friction to purchase.

Mini-Stockfish Chess Engine | *Pygame GUI, Multithreading, PyTorch, NumPy, pandas*

Mar 2025 – Jun 2025

- Developed an end-to-end deep learning Python chess engine with minimax and alpha-beta pruning alongside book openings and tablebases; accelerated search 77.2% via Cython, cutting eval time from 1.1 ms to 0.25 ms.

Stock Prediction AI | *PyTorch, Jupyter, NumPy, pandas, AdamW, CUDA*

Jul 2024 – Apr 2025

- Built an LSTM-based stock predictor using technical indicators (open/close, high/low, volume); processed a 28M-line dataset 30% faster and achieved a 22% increase in directional accuracy with a 15% boost in simulated ROI using VIX-weighted modeling.

RedShift LLM Jailbreak | *Python, PyTorch, CUDA, Prompt Engineering*

Jan 2025 – Mar 2025

- Expanded the Distract Large Language Models for Automatic Jailbreak Attack framework to evaluate vulnerabilities across LLMs (ChatGPT, Vicuna, Llama, DeBERTa, DeepSeek, Grok, Gemma).
- Standardized and preprocessed adversarial prompt datasets using custom Python scripts and PyTorch data loaders; tracked evaluation metrics via Weights & Biases.
- Integrated Chain-of-Thought prompting to broaden the attack space, enabling analysis across four additional LLMs and expanding evaluation scope by 67%.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript/TypeScript, HTML/CSS, ARM Assembly, SQL

Libraries & Frameworks: PyTorch, TensorFlow, CUDA, cuDNN, Transformers, NumPy, pandas, Matplotlib, Scikit-learn, Detectron2, tqdm, React, Next.js, Node.js, Express.js, Three.js, Svelte, Tailwind CSS

Tools & Technologies: Git, GitHub Actions, Docker, Linux, Jira, Jest, Puppeteer, OpenCL, Figma, VS Code, CodeMirror, Wandb, Jupyter, Hugging Face, Vercel, ESLint, Turbopack, OSM Nominatim, Open-Meteo, OpenStreetMap

Databases: PostgreSQL, MongoDB, Firebase