

Wang (Vincent) Ng

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OBJECTIVE

UC Davis Computer Science student with hands-on experience in machine learning, deep learning, and AI frameworks like TensorFlow and PyTorch. Eager to apply technical skills in Python and data manipulation to build and optimize AI models in an innovative edge computing environment.

EDUCATION

University of California, Davis
BS in Computer Science, GPA: 3.7

Sept 2023 – Dec 2026

- **Coursework:** Data Structures and Algorithm Design/Analysis, Computer Architecture, Intro to Artificial Intelligence, Operation Systems and Systems Programming, Object Oriented Programming
- **Involvement:** Frontend and Backend Engineer (Google Development Student Club)

EXPERIENCE

Data Analytics & Human Resources Intern
Insperty Inc.

Walnut Creek, CA
Aug 2022 – Dec 2023

- **Coordinated** weekly client service reports and **generated 25+ actionable data visuals** by analyzing marginal rates, employee training rates, and new hire/termination frequency.
- **Modified comprehensive reporting systems** to identify revenue and employee patterns for HR decision making and strategic planning across **65+ client organizations**.

Qualitative Research Intern
Stanford John W. Gardner Center

Palo Alto, CA
Jan 2022 – June 2022


- Conducted **15+ student interviews** to identify key areas of improvement within the Oakland Unified School District.
- **Collaborated with research teams** to identify key themes and patterns in student feedback.
- Presented findings to **Oakland Unified School District Board**.

PROJECTS

Aggie Housing
[Github](#) 


Dec 2024 - June 2025

- **Managed and integrated 120+ apartment listings into Supabase**, linking key data (pricing, layouts, distance from campus) to a dynamic frontend interface.
- **Integrated Google Maps API to help 50+ users visualize** future apartment locations in Davis with dynamic pins.
- **Merged and analyzed 500+ reviews from Google and Yelp**, applying **NLP-based sentiment analysis** to automatically rank the best-rated apartments.
 - Tools: React, JavaScript, HTML/CSS, Flask, Python, Supabase, NLTK, Git

AI Misinformation Detector
[Github](#) 

Oct 2024 – June 2025

- Developed a full-stack web app **using FastAPI and React** to analyze text for misinformation using **NLP, ML models, and real-time web verification**.
- Implemented claim detection and credibility scoring.
- **Integrated real-time web search APIs** for cross-referencing claims.
 - Tools: FastAPI, React, Python, Hugging Face, Pandas, Matplotlib

Connect 4 AI Bot
[Github](#) 

Jan 2025 – Feb 2025

- **Built an AI bot to play Connect 4** using the **Mini-Max algorithm with Alpha-Beta Pruning**.
- Developed a heuristic evaluation function to predict optimal outcomes **up to 6 moves ahead**.
- Model ranked in the **top 5 of 170 students**.
 - Tools: NumPy, PyGame, Mini-Max, Alpha-Beta Pruning

SKILLS

- **Programming:** HTML, Python, Java, JavaScript, CSS, C++, C, Assembly
- **Developer Tools:** PyTorch, TensorFlow, NumPy, Matplotlib, React, NodeJS, Flask, Tailwind CSS, Git, Pandas
- **Topics:** Machine Learning, Computer Vision, NLP, Artificial Intelligence
- **Core:** Data Structures, Frontend, Backend, OOP
- **Hobbies:** Hiking, Pickleball, Swimming, Ping-Pong, Badminton, Weightlifting, Boxing