

JIANLONG (EVAN) CHEN

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PROFESSIONAL SUMMARY

Software Engineer and incoming MSCS student at UCSD with a B.S. in CS (GPA 3.7). Specialized in developing **Machine Learning** models and **full-stack** systems. Experienced in building recommendation engines and optimizing real-time computer vision algorithms using **Python**, **TensorFlow**, and **PyTorch**. Proven track record in leveraging ML and AR/VR to drive user engagement and system efficiency.

EDUCATION

- UNIVERSITY OF CALIFORNIA, SAN DIEGO** Sept. 2026 – Expected 2028
Master of Science in Computer Science (Incoming)
- UNIVERSITY OF CALIFORNIA, SANTA CRUZ** Aug. 2021 - June 2023
Bachelor of Science in Computer Science, GPA: 3.7

WORK EXPERIENCE

- Software Engineer Intern** Nov. 2023 - Jun. 2024
Urbanis, Inc. Remote
- Developed **AR/VR** features with **Unity** and **OpenCV**, improving virtual try-on precision by 35% for 10,000+ monthly users.
 - Optimized real-time **Computer Vision** algorithms to reduce load times by 2.5s and boost overall simulation performance by 25%.
 - Integrated AR solutions that drove a 15% increase in monthly engagement and 3,000 new user interactions.
- Undergraduate Research Assistant** Jan. 2023 - Jun. 2023
UCSC ASSIST Lab Santa Cruz, CA
- Designed a **VR** game using **Unity** for pediatric patients, increasing user engagement by 30%.
 - Led a team of 6 to implement tailored gameplay features, doubling development efficiency while ensuring inclusivity.
 - Conducted research with 100+ participants, using findings to improve accessibility and user satisfaction.

PROJECTS

- QuickBites Recommendation System** Jan. 2025 - Present
Flask, React, TensorFlow, scikit-learn
- Built a **full-stack** platform using **ML models** (Deep Neural Networks) to deliver personalized recipe recommendations.
 - Implemented **RESTful APIs** and managed complex dependencies using **pip**, **Yarn**, and **Git** version control.
- Online Store** Jul. 2024 - Present
Spring Boot, Angular, Stripe API
- Developed a scalable e-commerce platform with **99.9% uptime**, supporting 5,000+ products and secure Stripe payments.
 - Built an **Angular** admin dashboard that improved task efficiency by 40% while handling 10,000+ daily API requests.
- Twitter-like Web Application** Sep. 2022 – Jun. 2023
React, Flask, PostgreSQL
- Designed a responsive social platform handling 5,000+ daily requests for over 1,000 test users.
 - Utilized **PostgreSQL** to optimize data retrieval by 30%, significantly improving feed and overall system performance.

SKILLS

ML & AI: TensorFlow, PyTorch, scikit-learn, Keras, OpenCV, CUDA, NLP, Neural Networks
Languages: Java, JavaScript, TypeScript, Python, C++, C, Go
Frameworks: React, Angular, Vue.js, Spring Boot, Node.js, Flask, REST API
Tools & DB: Git, AWS, Docker, Linux, MySQL, PostgreSQL, MongoDB, pip, Yarn