Olivia Kim

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EDUCATION

Stanford University

Stanford, CA

Bachelor of Science in Computer Science

Aug 2024 - May 2028

Relevant Coursework: Artificial Intelligence, Data Structures, Algorithms, Distributed Systems, Machine Learning, Cybersecurity

GPA: 3.92/4.0

TECHNICAL SKILLS

Languages and Technologies: Python, Java, C++, JavaScript, SQL, Go, TensorFlow, PyTorch

Tools and Frameworks: Git, Docker, Kubernetes, AWS, React, Node.js, MongoDB

PROJECTS

AI-Powered Chatbot for Mental Health | Python, TensorFlow, Flask

- Developed an AI chatbot to provide mental health support using natural language processing
- Integrated sentiment analysis to tailor responses based on user emotions
- Deployed the chatbot on a web platform with real-time interaction capabilities

Blockchain-Based Voting System | Solidity, Ethereum, React

- Designed a secure blockchain-based voting system with smart contracts for transparency
- Implemented cryptographic protocols to ensure voter anonymity and data integrity
- Developed a user-friendly front-end interface for seamless voting experience

E-Commerce Recommendation System | Python, Scikit-learn, Flask

- Built a recommendation system for an e-commerce platform using collaborative filtering
- Achieved 85% accuracy in predicting user preferences and product recommendations
- Integrated the system with the platform's backend for real-time recommendations

RESEARCH EXPERIENCE

Research Assistant - AI Ethics Lab

Jan 2027 – May 2027

Stanford, CA

- Stanford University
 - Conducted research on ethical implications of AI in decision-making systems
 - Developed frameworks for bias detection and mitigation in machine learning models
 - Published findings in a top-tier AI ethics conference

Work Experience

Software Engineering Intern

Jun 2026 – Aug 2026

Google

Mountain View, CA

- Developed backend services for Google Cloud Platform using Java and Python
- Optimized database queries, reducing latency by 30%
- Collaborated with cross-functional teams to deliver scalable solutions

Data Science Intern

 $May\ 2025 - Aug\ 2025$

Menlo Park, CA

Facebook

- Analyzed user engagement data to improve content recommendation algorithms
- Built predictive models for user behavior analysis with 90% accuracy
- Developed data visualization dashboards for executive decision-making