Sanah Jahedi

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EDUCATION

Stanford University — Stanford, CA
Bachelor of Science in Computer Science — Aug 2024 – May 2027
Relevant Coursework: Artificial Intelligence, Algorithms, Distributed Systems, Computer Vision, Natural Language Processing, Cybersecurity
GPA: 3.89/4.0

TECHNICAL SKILLS

Languages and Technologies: Python, Java, C++, JavaScript, Go, Rust, TensorFlow, PyTorch
Tools and Frameworks: Docker, Kubernetes, AWS, Git, React, Node.js, Spark, Hadoop

PROJECTS

AI-Powered Tutoring System | *Python, TensorFlow, Flask*
- Developed an AI-powered tutoring system that adapts to student learning styles with 90% accuracy
- Implemented natural language processing for real-time feedback and question answering
- Deployed the system on AWS with auto-scaling for high availability

Blockchain-Based Voting Platform | *Solidity, Ethereum, React*
- Designed and implemented a secure blockchain-based voting platform for transparent elections
- Developed smart contracts for vote recording and tallying with cryptographic verification
- Created a user-friendly interface for voters using React and Web3.js

Autonomous Drone Delivery System | *C++, ROS, Gazebo*
- Built a simulation environment for autonomous drone delivery using ROS and Gazebo
- Implemented path planning algorithms (A*, RRT) and obstacle avoidance systems
- Conducted performance analysis and optimization for real-time decision-making

RESEARCH EXPERIENCE

Research Assistant - AI Lab — Jan 2022 – May 2023
Stanford University — *Stanford, CA*
- Conducted research on reinforcement learning for autonomous systems
- Developed novel algorithms for multi-agent coordination in dynamic environments
- Published findings in NeurIPS 2027

WORK EXPERIENCE

Software Engineering Intern — Jun 2023 – Aug 2023
Google — *Mountain View, CA*
- Developed backend services for Google Cloud Platform using Go and Kubernetes
- Optimized database queries, reducing latency by 30%
- Collaborated with cross-functional teams to deliver scalable cloud solutions

Machine Learning Intern — May 2022 – Aug 2022
OpenAI — *San Francisco, CA*
- Developed machine learning models for natural language understanding tasks
- Implemented transformer-based architectures for text generation and summarization
- Optimized model training pipelines, reducing training time by 25%