JANE SMITH

Los Angeles, CA

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Education

University of California, Los Angeles (UCLA) (GPA: 3.9/4.0) — May 2023
Bachelor of Science in Computer Engineering — *Los Angeles, CA*

Relevant Coursework: Data Structures, Algorithms, Computer Networks, Operating Systems, Embedded Systems

Clubs/Involvement: IEEE Student Branch, Engineering Club

Technical Skills

Languages: Python, Java, C++, Verilog
Developer Tools: Git, IntelliJ IDEA, Vivado, ModelSim
Technologies/Frameworks: AWS (EC2, S3), Arduino, FPGA, TCP/IP Networking
Additional Skills: Agile methodologies, UI/UX design principles

Experience

Tech Solutions Inc. — **June 2022 - Present**
Software Engineering Intern — *Los Angeles, CA*

- Developed RESTful APIs using Node.js and Express for a microservices architecture.
- Implemented OAuth 2.0 authentication and authorization for secure API access.
- Designed and optimized SQL queries for improved database performance.
- Collaborated in an Agile team environment to deliver features on schedule.

Data Analytics Co. — **May 2021 - August 2021**
Data Analyst Intern — *San Francisco, CA*

- Analyzed large datasets using Python and SQL to extract actionable insights.
- Created visualizations and dashboards in Tableau for presenting analysis results.
- Automated data cleaning processes, reducing processing time by 30%.
- Assisted in the development of predictive models for customer behavior analysis.

Research

AI Research Lab — **January 2021 - May 2021**

- Conducted research on natural language processing techniques for sentiment analysis.
- Implemented state-of-the-art algorithms for text classification and sentiment scoring.

Projects

E-commerce Website Development | *React.js, Node.js, MongoDB* — **January 2022 - April 2022**

- Developed a full-stack e-commerce website with user authentication and product management features.
- Implemented payment gateway integration using Stripe API for secure transactions.
- Designed responsive UI components and optimized performance for better user experience.

Machine Learning Model Deployment | *Python, TensorFlow, Docker* — **September 2021 - December 2021**

- Built and trained a deep learning model for image classification using TensorFlow.
- Containerized the model using Docker for easy deployment and scalability.
- Designed responsive UI components and optimized performance for better user experience.