

SAVY DHILLON

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OBJECTIVE

Imminent Computer Science Graduate with solid Industry Experience, targeting Software Development, Data Analysis, and AI Engineering roles to innovate and shape the future of technology.

EDUCATION

San Francisco State University (SFSU), San Francisco, CA
B.S. in Computer Science

May 2024

Udacity
AI for Trading Nanodegree

Mar 2024

WORK EXPERIENCE

Applied Materials, Santa Clara, CA

Image and Data Analysis Engineer Intern

Jun 2023 - May 2024

- Engineered an Innovative Inspection System for monitoring real-time video feed.
- Boosted Anomaly Detection precision by 90% enhancing efficiency and accuracy.
- Integrated the Software with the machine enabling real-time alerts that prevented 100% potential machine failures.
- Generated intuitive summary statistics for process analysis and yield optimization.
- Spearheaded the Design and Development of Inspection App along with Artificial Intelligence Model training.
- Automated repetitive processing tasks, saving approximately 40 hours of staff time per week.

SF Hacks, San Francisco, CA

Software Developer

Oct 2023 - Dec 2023

- Contributed to the development of the website ensuring an enhanced user experience
- Worked with the Designers to keep the website updated with the most recent information
- Organized a 3-day hackathon at the SFSU campus accommodating hackers from all over the bay area.

PROJECTS

Billing Web Application

- Streamlined billing process for local businesses dealing with low to medium number of customers.
- Reduced manual workload by 90% through automated data storage and management.
- Adapted the application based on user feedback, enhancing overall functionality and user satisfaction.
- Integrated payment functionality for efficient and immediate transactions.
- Implemented robust user authentication and order management features enabling users to securely sign in and manage orders using their email and password.

TECHNICAL SKILLS

- Programming: Python, C++, Java, JavaScript, Go, PyTorch, OpenCV, YOLO, Docker
- Web: HTML/CSS, React, Node.js, TypeScript, Next.js
- API and Database: RESTful API, MySQL, PostgreSQL, MongoDB, Redis

RELEVANT COURSEWORK

- Advanced Statistics and Probability
- Software Development
- Artificial Intelligence