Zachary Kamali

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EDUCATION

San Jose State University – *San Jose, CA* Expected graduation: 12/2026
B.S in Business Administration - Concentration Management Information Systems
GPA: 3.0

- Relevant coursework: Data Structures and Algorithms, Software Engineering Principles, Database Management, Calculus I & II, Physics

TECHNICAL SKILLS SUMMARY

Programming Languages: Python, Java, C++, SQL, JavaScript, HTML, CSS, Bash(shell scripting)
Software: Tableau, Git, MATLAB, Oracle SQL Developer, Power BI
Operating Systems: Windows, Linux, macOS
Databases: MySQL, OracleDB, SQLite

EXPERIENCE

Energous Corporation– *San Jose, CA* March 2022 – August 2024
Software Engineering Intern

- Improved quality assurance processes by automating test cases in Python, achieving a 30% reduction in testing time and supporting wireless power transfer solutions.
- Assisted in regulatory and compliance testing, ensuring adherence to FCC standards, and collaborated with QA and manufacturing teams for product launch.
- Streamlined data collection and analysis, reducing reporting times by 25% by utilizing SQL and Power BI, enhancing cross-functional team efficiency.

Personal Project: Basic Machine Learning Exploration – *San Jose, CA* June 2023 – Present

- Explored machine learning concepts by analyzing a publicly available dataset in Python, gaining hands-on experience with data cleaning, feature engineering, and basic model training.
- Built a simple linear regression model to predict outcomes based on identified trends, achieving a preliminary accuracy of 75% with minimal training data.
- Visualized data patterns and model performance using libraries like Matplotlib and Pandas, enhancing insights and data presentation skills.
- Refined model parameters to improve prediction reliability, learning foundational skills in model evaluation and optimization.

LEADERSHIP ACTIVITIES & VOLUNTEER EXPERIENCE

The Braven Accelerator – *San Jose, CA* August 2024 – December 2024
Fellow

- Developed workforce skills such as leadership, operating and managing, communicating and networking, working in teams, and problem solving by completing a 14-week leadership and professional development course.
- Designed a career roadmap by engaging in a 7-step process that required self-assessment and reflection, as well as role investigation and evaluation to determine the steps required to achieve career goals.

| SKILLS & INTERESTS |

Interests: Machine Learning(Python), hiking, and Golf
Languages: Conversational Kurdish, Conversational Spanish