

Tessa Kremser

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OBJECTIVE

Emerging information systems professional and student-athlete with experience in leveraging technology to improve business performance, strong problem-solving skills, and a proactive commitment to continuous learning and professional development.

EDUCATION

B.S., Business Administration, Concentration in Management Information Systems

May 2027

San Jose State University, San Jose, CA, GPA: 4.0

- **Relevant Coursework:** Systems Analysis and Design, Database Management Systems, Networking and Data Communications, Python Programming

Highschool Diploma, A-Levels: Mathematics, English, Arts

July 2023

Loewenrot Gymnasium, Heidelberg, Germany

- Boarding school for student-athletes

TECHNICAL SKILLS

Technology: Google Colab, Python, Python Libraries (pandas, scipy, matplotlib), LucidChart, AWS, MySQL Workbench, NoSQL, SQL, Jupyter notebooks, Azure (SQL Database), Jira, Excel Solver, GoalSeek, Code Generation and Optimization Using IBM Granite

IT Techniques: Agile/Scrum, dataflow and storage modeling, project management, data querying, wrangling, analysis, and visualization network packet visualizing and tracking, data encryption

Languages: English (fluent), German (native), Spanish (elementary), Latin (elementary)

PROJECT EXPERIENCE

StyleMe AI Kiosk System – Systems Analysis Case Study, SJSU

August 2025 - December 2025

- Designed and proposed an information systems solution for a local salon to address communication and consultation challenges, delivering a functional digital prototype.
- Led project execution using an Agile Scrum methodology, coordinating iterative development and completing six key project deliverables from planning through final presentation.
- Applied industry-standard project management tools (Jira) to develop and manage work breakdown structures (WBS), Gantt charts, and network diagrams to track scope, timelines, and progress.
- Utilized systems analysis and design techniques, such as entity-relationship diagrams (ERDs) and data flow diagrams created in Lucidchart, to analyze existing workflows and identify opportunities to improve system accuracy, efficiency, and user experience.

EXPERIENCE

Division I Student-Athlete, SJSU, San Jose, CA

August 2023 - May 2027

- Gain communication skills and knowledge about a variety of cultures
- Make it to the National Championships by setting priorities and efficient time management
- Analyze shared progress to evaluate areas of growth for further improvement

National Golf Team Member, German Golf Association, Germany

October 2020- October 2024

- Deliver results like 3rd place in the European Team Championship while pursuing a high paced schedule with travel every week
- Developed coachability and growing mindset to compete on an international level and win the German Championship

Intern, HPH Heffels Architecture, Bad Soden, Germany

October 2019 + October 2021

- Communicate with clients and assure smooth and effective working environment by developing schedules and guidelines for each team involved in order to achieve customer satisfaction for building a house
- Build model houses to showcase an example of what a finished product will look to persuade customers of services for one family houses in Germany

ACTIVITIES

Representative, Student Athlete Association Committee (SAAC), SJSU

August 2024 - Present

Volunteer, Bay Area Women's Sports Initiative (BAWSI), BAWSI

August 2023 - February 20

