

Jackson Sanger

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Professional Summary

Recently switched majors from Finance to Computer Science after the discovery of a passion for programming stemming from a love for critical thinking and problem solving. Recognized by supervisors and professors for attention to detail and aptitude to learn.

EDUCATION

University of Denver, Ritchie School of Engineering and Computer Science Denver, CO
Bachelor of Science – Computer Science Expected Graduation: June 2025

- Minors: Mathematics, Business Administration
- GPA: 4.00
- Relevant Courses: Intro to Programming I and II, Calculus I – III, Management (Leading High-Performance Orgs), Business Information and Analytics I and II, The Fourth Industrial Revolution

TECHNICAL SKILLS

- Python, HTML, CSS, JavaScript, Automation Anywhere
- Certified in Microsoft Excel, Word, and PowerPoint

PROJECTS

RSM Campus Automation Challenge Winners (Build a Bot) January 2023

- Collaborated with a team of 5 students to develop and implement an adaptive bot using Automation Anywhere to automate a form-filling process with changing fields.
- Utilized data repository for sharing and updating bot code, and sourced data from an excel file to populate the fields in the form. Selected by panel of technical judges as one of 5 winning teams

Sand Game (Python) January 2023

- Developed a game using a 2D nested list to simulate realistic interactions between elements, displayed on a canvas for the user to see.
- Implemented features like flowing effect when sprinkling sand and water, switching between game modes with key press, and realistic interactions between different elements.

Terminal Based Version of Wordle (Python) December 2022

- Randomly selected a word from a dictionary file to use as the answer, then implemented a matching algorithm which color-coded user guesses and could handle duplicate letters
- Implemented a game loop which displayed the game interface and then outputted whether the user won the game and if they did win, in how many guesses

PROFESSIONAL EXPERIENCE

Southern Exposure Landscape Management LLC Windsor, CO
Project Estimator June 2022 – September 2022

- Calculated the cost and number of job materials needed for project bids based on quantitative calculations by analyzing landscape/irrigation construction documents and specification documents upwards of 1,200 pages
- Estimated the time and cost of labor/overhead necessary to complete prospective jobs by using project management skills and collaborated closely with vendors to negotiate quotes on a variety of materials and services
- Performed at a fast pace to draft, produce, and distribute 13 different landscape/irrigation proposals using Excel and Word worth \$4.5 million collectively to General Contractors

LEADERSHIP AND COMMUNITY INVOLVEMENT

University of Denver Lambda Chi Alpha Denver, CO
Member/Philanthropy Committee Member September 2021 – Present
National Society of Leadership and Success Windsor, CO
Member September 2022 – Present