

SCOTT SPICER

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BACHELOR OF SCIENCE, Computer Science

University of Central Florida, Orlando, FL (GPA: 3.73), Expected Graduation December 2024

BACHELOR OF SCIENCE, Industrial Engineering, Minor in Mathematics

University of Central Florida, Orlando, FL (GPA: 3.73), Graduated December 2021

Dynamic, self-starter with experience in management and consolidating data into comprehensive, strategic, and analytical intelligence to allow for quality decision making and action. Collaborative team player, initiating projects and leveraging teammates' talents for quality results. Currently in the process of switching career paths from management and industrial engineering to technology and computer science. Took the initiative to teach myself while working full time and ultimately decided to go back to school to completely dedicate myself to it. Currently seeking an opportunity to learn new skills and grow my knowledge base in technology.

TECHNICAL EXPERIENCE

Skills: C, Python, Java, SQL, HTML, CSS, JavaScript, Excel, Word, PowerPoint

- Created a personal website sharing my journey of technical and professional experience (HTML, CSS).
- Finished the creation of a website where users can "buy" and "sell" stocks (Python, SQL, HTML, CSS).
- Simulated a soccer tournament using a CSV file of the team's name and their FIFA rating to determine each team's probability of winning (Python).
- Finished the creation of a website that keeps track of birthdays (Python, SQL, HTML, CSS).
- Utilized linked list and a hash table to quickly and accurately spell check large text files (C).

EDUCATIONAL EXPERIENCE

- Dean's List Spring 2018, Spring 2019, Fall 2019, Fall 2020, and Spring 2023.
- Wrote a program that encrypts the alphabetic letters in a file using the Hill cipher where the Hill matrix can be any size from 2x2 up to 9x9 (Python).
- Wrote a program that calculates an 8-, 16-, or 32-bit checksum for the text from a given file (Python).
- Worked with a team of 6 in collecting survey data to perform hypothesis test, single and multi-factor ANOVAS, and a linear regression model to determine what factors affect a student's preference in taking an online course over a traditional lecture.

PROFESSIONAL EXPERIENCE

PepsiCo (Frito-Lay), Orlando, FL

Supply Chain Leader

Jan 2022 – Dec 2022

Led a team of 4 to 8 mechanics daily, with a total team size of 12 as a manager in a fast-paced manufacturing environment. Provided guidance on the direction to the team and prioritizing different emergency equipment breakdown calls and their scheduled work. Additionally, closely monitored and recorded the completion of scheduled work, work order backlog, emergency equipment breakdown calls, and overall equipment health. Actively contributed to determining, planning, and monitoring equipment efficiency improvement projects collaborating with operators, mechanics, and other subject matter experts on-site.

PepsiCo (Frito-Lay), Casa Grande, AZ

Supply Chain Intern

Summer 2021

Studied the supply chain practices at the Frito-Lay manufacturing plant in Casa Grande, Arizona, successfully completing a water resource conservation project resulting in an annual savings of over 3 million gallons. Additionally, collaborated with site team members to implement quick wins and optimize the corn washing systems to meet standards. As well as devising a comprehensive plan for the installation of digital flowmeters, which will streamline the execution of future water conservation projects.