

Steven Sousa

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Education

Bridgewater State University , Bridgewater, MA	May 2025
Bachelor of Science in Computer Science	GPA: 3.9

Coursework: Analysis of Algorithms, Software Engineering, Computer Forensics, Web Application Development, Computer Networks, Databases, Introduction to AI, Cloud Computing

Cape Cod Community College , West Barnstable, MA	December 2022
Associate in Arts in Computer Science	GPA: 3.7

Coursework: Object-Oriented Programming 1 (Python), Object-Oriented Programming 2 (Java), Procedural Programming (C), Data Structures & Algorithms (Java), Intro to Computer Systems, Computer Architecture & Organization

Escola Estadual Assis Chateaubriand , Belo Horizonte, MG, Brazil	December 2016
High School	

Experience

Tech Etch Inc. , Plymouth, MA	May 2018 - Present
Engineering Administrator	

- Utilized Microsoft PowerBI to conduct comprehensive data analysis for various departments within Tech Etch and daily task automations, resulting in actionable insights that optimized operational efficiency and informed strategic decision-making.

Quality Control Inspector

- Conducted First Article Inspection Reports (FAIRs) using Vision Systems, ensuring compliance with quality standards and specifications.
- Identified and resolved quality issues promptly, minimizing production downtime and maintaining high-quality standards throughout the manufacturing process.

Photo-Etch Video Inspector

- Programmed vision system equipment to perform precise dimensional sorting of parts, enhancing accuracy and efficiency in the production process.
- Trained and mentored new employees on job duties, ensuring consistent adherence to quality standards and procedures.

Skills & Interests

Hard Skills

- **Proficient in:** Python, HTML5, CSS, Bootstrap, JavaScript, Node.JS, Express, EJS, MongoDB, REST APIs, Java
- **Familiar with:** Swift, Swift UI, C, C++, MySQL, PostgreSQL, React, Django, Git, GitHub Pages, AWS, Material UI, Docker, Render, Racket

Soft Skills: Communication, Emotional Intelligence, Empathy, Self-Awareness, Patience, Open-Mindedness, Problem Solving / Critical Thinking, Time Management, Collaboration / Teamwork, Accountability, Adaptability.

Personal and Academic Projects

[Personal Portfolio Website](#)

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and experiences.
- Implemented responsive design principles to ensure optimal viewing across various devices.
- Integrated interactive features and animations to enhance user engagement and navigation.

[Web Development Bootcamp](#)

- Currently enrolled in a comprehensive Udemy Web Development Bootcamp course, focusing on mastering web development technologies such as HTML, CSS, JavaScript, React, Node.JS, and more.
- Engaging in coursework, projects, and coding exercises to build practical experience and skills in full-stack web development.

[Soccer Project](#)

- Developed a dynamic full-stack web application utilizing Express.JS and PostgreSQL leveraging ESPN APIs to deliver real-time updates on soccer tournaments.
- Committed to ongoing support and enhancement of the application to ensure its relevance and effectiveness in meeting user needs.

[LeetCode Challenges](#)

- Completed a variety of LeetCode challenges, ranging from Easy to Medium difficulty, in Python, to sharpen problem-solving skills and algorithmic thinking.
- Utilized Python to solve coding problems efficiently and effectively, demonstrating proficiency in the language.

[GitHub](#)

- GitHub containing all of finished and ongoing projects