

Steven Sousa

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Education

Bridgewater State University , Bridgewater, MA	May 2025
Bachelor of Science in Computer Science	GPA: 3.85

Coursework: Analysis of Algorithms, Software Engineering, Logic and Computers, Computer Forensics, Web Application Development, Organization of Programming Languages, Computer Networks

Cape Cod Community College , West Barnstable, MA	December 2022
Associate in Arts in Computer Science	GPA: 3.73

Coursework: Python 1, Java 2, Procedural Programming (C), Data Structures & Algorithms, Intro to Computer Systems, Computer Architecture & Organization, Calculus 1 & 2, Discrete Mathematics, Physics 1 & 2.

Escola Estadual Assis Chateaubriand , Belo Horizonte, MG, Brazil	December 2016
High School	GPA: N/A

Experience

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

- Data Visualization for Engineering Department using PowerBI

Quality Control Inspector

- Perform FAIR on First Piece Article lots utilizing Vision Systems

Photo-Etch Video Inspector

- Program vision system equipment to perform dimensional sorting of parts.

Skills & Interests

Hard Skills: Programming in Python, Java, C, Swift & SwiftUI, HTML, CSS, MySQL.

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

Interests: Cybersecurity, cryptography, artificial intelligence, machine learning.

Personal and Academic Projects

Personal Portfolio Website

- Developed utilizing HTML5, CSS, and JavaScript

Enigma Machine

- Capstone project for Python 1. This project recreates the Wehrmacht's 1943 Enigma Machine.

Snake Game

- Group Project for Python 1. This project recreates the famous Snake Game.

Meteorite Data Filtering

- Capstone project for Software Engineering. This project filters a large dataset provided from NASA and neatly displays the filtered data as a table in the Terminal or exports the data to a text or excel file.

For a full list of completed and ongoing projects from my portfolio, please visit my GitHub page.

GitHub: <https://github.com/Stevensousa67>

LinkedIn: <https://www.linkedin.com/in/stevensilversousa/>