

Sean Fritz

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PROFESSIONAL SUMMARY

Passionate Computer Science graduate with expertise in Object-Oriented Programming and project management. Proficient in Python, Java, C++, and SQL, with hands-on experience in libraries such as BeautifulSoup4 and TensorFlow. Skilled in problem-solving, communication, and analytical thinking. Certified in Introductory Programming with Java. Proven track record of academic excellence and successful project implementations.

KEY SKILLS & CERTIFICATIONS

General Skills: Project Management, Object-Oriented Programming, Software Engineering & Development

Programming Languages: Python, Java, C++, SQL

Libraries: TensorFlow, PyTorch, BeautifulSoup4, Selenium, SQLite3

Development Tools: Visual Studio Code, Visual Studio, Eclipse, MySQL, Microsoft Suite

Professional Skills: Problem Solving & Critical Thinking, Communication, Project Management, Analytical Skills

Certifications: Introductory Programming with Java

EDUCATION

Monmouth University

West Long Branch, New Jersey

Bachelors of Arts in Computer Science, Minor in Information Technology

September 2022 - May 2025

- Deans List: Fall 2024 | GPA: 3.71
- Relevant Coursework: Data Structures & Algorithms, Software Engineering Concepts, Database Systems, Advanced Objected-Oriented Programming & Design, Scripting Languages, Applied Discrete Mathematics

Ocean County College

Toms River, New Jersey

Associates of Arts in Liberal Arts

September 2020 - August 2022

- President's Honors List: Fall 2020, Spring 2021, & Spring 2022 | GPA: 3.8
- Honors Societies: Pi Theta Kappa

PROFESSIONAL EXPERIENCE

Monmouth University

West Long Branch, New Jersey

Computer Science & Information Technology Student Tutor

September 2023 - Present

- Assisted approximately 50 students in programming, bug-fixing, and conceptualizing various facets of computer science utilizing Python, Java, C++, and SQL
- Developed many engaging study materials and facilitated learning in various classes using Microsoft Suite, relevant online resources, and provided class notes

Monmouth Racetrack

Oceanport, New Jersey

Information Technology & Systems Administration Summer Internship

May 2024 - September 2024

- Managed and optimized computer systems and networks for back-side security and stall managers, overseeing routers, switches, and other critical infrastructure to enhance efficiency and bolster security measures
- Utilized company software and offered guidance, support, and training to a department of 6 employees
- Used a dispatch radio and office phone to facilitate communication between key organizations

PROJECTS

Bird Identification with Artificial Intelligence Project (In Progress)

Brick Township, New Jersey

Personal Project

January 2025 - Present

- Developing an AI model to identify bird species from photos using TensorFlow and Python
- Building a dataset of annotated bird images for training and validation
- Designing a user-friendly interface for uploading and identifying bird photos

Shipping Company Software Engineering Project

West Long Branch, New Jersey

Academic Project - Software Engineering Concepts Course

September 2023 - December 2023

- Created a Requirements Specifications Document and System Design Document for a hypothetical international shipping company.
- Specified Epics, User Stories, Acceptance Criteria, and Personas while utilizing knowledge of concepts such as High-Level Design