Sean Fritz

Brick Township, New Jersey | seanfritz@pm.me | (732) 614-6744 | seanfritz.com | linkedin.com/in/seanfritz | github.com/SeanFritz

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
- Awards: Monmouth CS/SE Outstanding Student Scholarship & Leadership Award (2025)
- 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