Steven Lee

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EDUCATION

Southern Connecticut State University, New Haven CT **May 2025**

Bachelors of Science in Computer Science with a minor in Data Science

Relevant Coursework: Data Structures and Algorithms, Data Visualization, Software Design and Development, System Administration, Artificial Intelligence, Cloud Services, Generative AI

WORK EXPERIENCE

Student IT Technician **May 2023 - May 2024**

Southern Connecticut State University, New Haven CT

- Handled tickets in Blackboard SmartView to assist users with network issues.
- Troubleshooted and activated network jacks and switch ports for users using a fluke
- Cleaned up network closets and cable management.
- Transported network switches around the university and helped install them.

Temp Warehouse Picker **September 2025 -Present**

FleetPride, North Haven CT

- Pick and prepare parts for shipment using RF (warehouse) gun.
- Assist with inventory accuracy by correcting misplaced items and replenishing stock.
- Perform cycle counts to verify part availability and maintain accurate quantities in JDA.

PROJECTS

FredFadezzz - Barber Booking Platform (fredfadezzz.vercel.app)

- Designed and developed a full-stack appointment booking website for a local barber to streamline client scheduling and communication.
- Built using Next.js and TypeScript, deployed on Vercel with a serverless architecture for scalability and low-latency performance.
- Implemented a Turso (SQLite) database to manage users, appointments, and availability with efficient relational data modeling.

Freshwater Aquarium Fish Tracking – Real-Time Object Detection System

- Fine-tuned a YOLOv8 object detection model to detect and track individual fish with high accuracy in a custom freshwater aquarium.
- Captured and streamed live video feeds using a Raspberry Pi, processing frames locally for edge inference.
- Developed a REST API to serve the collected tracking data to frontend and external applications.
- Built an interactive dashboard using Streamlit, enabling users to visualize fish paths, heat maps, and activity patterns.

TECHNICAL SKILLS

Programming Languages: Python, Javascript, Java, SQL, TypeScript

Databases: MySQL, MongoDB

Developmental Tools: Linux, Git, Github, Google Cloud Platform, Visual Studio Code, Jira

EXTRACURRICULARS

- Participated in the Computer Science Club