SEAN ZAROBSKY

+1 (815) 931-9799 | szarob@me.com | Shorewood, IL | http://www.seanzarobsky.com

EDUCATION

Master of Computer Science August 2025 – May 2026
University of Illinois Urbana-Champaign Remote

- **GPA**: 3.87
- **Relevant coursework**: Cloud Computing Applications, Database Systems, Computer Security I, Applied Machine Learning, Numerical Analysis, Foundations of Data Curation, Advanced Bayesian Modeling, Deep Learning for Healthcare

Bachelor of Science in Computer Science August 2022 – May 2025
University of Central Florida Orlando, FL

- **GPA**: 3.968
- **Mathematics Minor**
- **Relevant coursework**: Design and Analysis of Algorithms, Programming Languages I, Processes of Object-Oriented Software Development, Computer Vision, Quantum Computing, Systems Software, Advanced Computer Architecture, Technical Writing, Discrete Structures II, Vector and Tensor Analysis, Physics II

SKILLS

Languages: C/C++, Python (PyTorch, Django, Qiskit, PyHealth), Java, HTML, CSS, JavaScript (Node, Express, jQuery, React), TypeScript, SQL, R (rjags), BUGS, Haskell, YAML, LaTeX, MIPS Assembly, Bash
Tools/Technologies: Git/GitHub, AWS, Google Maps APIs, OpenAI APIs, PostgreSQL, MySQL, DBeaver, MongoDB, Neo4j, Postman, Microsoft Azure, Jupyter Notebook, Jira, Firebase Authentication, Visual Studio, VirtualBox, Shopify, ClickFunnels, WordPress, SendPulse, Zoho CRM, Microsoft Office, Windows, Linux

PROJECT EXPERIENCE

DriveU September 2024 – May 2025

- Collaborated with a team of five other UCF students to develop a mobile carpooling/rideshare application for students
- Built the backend using PostgreSQL, DBeaver, Node.js, Express.js, Axios, Postman, Azure, Google Maps APIs, Git/GitHub, Jira, and Visual Studio

PantryPal October 2024 – November 2024

- Expanded my project from KnightHacks VII that acts as a food inventory web application using Django, MongoDB, React, HTML/CSS/JS, Firebase Authentication, OpenAI APIs, Azure, YAML, Git/GitHub, and Visual Studio

The Travelling Salesman Problem January 2024 – May 2024

- Collaborated with a team of four other UCF students to develop a web application that solves the travelling salesman problem
- Contributed as a full-stack developer utilizing Node.js, Express.js, Axios, Google Maps APIs, Google Cloud Run, HTML/CSS/JS, Git/GitHub, and Visual Studio

WORK EXPERIENCE

Information Communication Technology Consultant June 2025 – current
TellCo Europe Sagl Remote

- Lead a team of four people in ICT operations, including website optimization, systems integration, and AI workflows
- Integrate diverse platforms (Zoho CRM, Shopify, WordPress, SendPulse, Tidio, Weglot, and more) to streamline workflows, enhance automation, and improve customer engagement across marketing and sales operations
- Led a team of five people in the development of TellCo Europe's e-commerce website using Shopify

Information Communication Technology Intern January 2025 – June 2025
TellCo Europe Sagl Remote

- Tested prototype websites to identify and resolve bugs, enhancing user experience
- Improved company efficiency by organizing and optimizing existing file systems

Undergraduate Researcher August 2024 – May 2025
University of Central Florida Orlando, FL

- Researched the application of large language models (LLMs) to enhance the learning experience for students
- Developed an AI-powered chatbot for learning assistance using Node.js, Discord.js, and OpenAI APIs
- Received mentorship from Dr. Hao Zheng to define research objectives

Undergraduate Teaching Assistant August 2023 – December 2023, February 2025 – May 2025
University of Central Florida Orlando, FL

- Graded assignments for hundreds of students in Dr. Arup Guha's (2023) and Dr. Yancy Vance Paredes' (2025) COP3502 (Computer Science 1) classes in a timely and accurate manner
- Led weekly lab sessions for 40 students, using slideshows and live problem-solving to teach course concepts
- Provided individualized guidance during weekly office hours to assist students in learning course materials