

Shea Thomopoulos

Permanent Right to Work: USA, UK, & EU

Email LinkedIn Website

EDUCATION

University of California, Irvine - BS Computer Science - Irvine, CA 09/2023 – 06/2026
Graduating 1 year early with GPA: 3.6/4.0
Classes: Python, C/C++, Data Structures & Algorithms, Computer Organization and System Design, Calculus, Linear Algebra, Discrete Math, Information Retrieval, Machine/Data Mining, Software Testing & Quality, HCI

International Baccalaureate - International School of Lausanne - Switzerland 08/2019 – 06/2023
Higher Level: Math, Computer Science, Economics

EXPERIENCE

UI/UX and Web Developer - UC Irvine OAI Website 10/2025 - Present
Working with developers and designers to modernize the UCI Office of Access & Inclusion website, implementing responsive front-end interfaces and optimizing back-end functionality for scalability and accessibility.

Researcher and Designer - INsite Lab (UC Irvine) 07/2025 - Present
Collaborate with Dr. Stacy Branham on inclusive UX research and design at INsite Lab. Additionally, I help organize AccessUCI, empowering disabled students to explore STEM through accessible design.

Lab Assistant - ICS 31 (Intro to Programming, Python) 06/2025 - Present
Overlook 30+ students with debugging, code logic, and Python programming fundamentals during lab sessions while reinforcing key concepts to improve student problem-solving and code clarity.

Corporate Outreach and Organizer — Hack@UCI 04/2025 - Present
Lead sponsor outreach and partnerships for Orange County's largest hackathon, securing lasting corporate support for 800+ participants.

Operations Crew Lead - Bren Event Center 11/2023 - Present
Lead 15+ staff executing setups/breakdowns for events with 200-1000+ attendees, ensuring on-time operations while training new employees to improve team efficiency and maintain high standards of cleanliness and guest satisfaction.

Event Coordinator and Content Developer - Girl's Coding Weekend 11/2022 - 06/2023
Led a weekend coding camp for 30 girls (ages 7–16), developing beginner-to-intermediate Python curriculum. Increased event attendance by 20% through inclusive STEM-focused activities.

Python Coding Teacher - International School of Lausanne 11/2021 - 06/2022
Taught beginner Python to 22 students (ages 12–16) using interactive projects, improving coding engagement and technical confidence

PROJECTS

UCI Office of Access and Inclusion Website Redesign — Frontend & UX 10/2025 - Present
- Conducting an accessibility and usability audit of the existing OAI website to identify barriers to information access
- Redesigning and coding the frontend to improve navigation, structure, and visual hierarchy, with a goal to increase user engagement and accessibility compliance

UCI Schedule of Classes Redesign — Figma, UX/UI Design 07/2025 - 08/2025
- Designed an interactive Figma prototype to reimagine the Schedule of Classes interface for clarity and efficiency
- Improved information organization, task flow, and accessibility to support diverse student needs

IMDB Sentiment Classifier — Python, scikit-learn, NLP, Machine Learning 05/2025 - 06/2025
- Built and evaluated k-NN, Logistic Regression, MLP, and SVM models to classify IMDB reviews by sentiment
- Tuned hyperparameters and optimized regularization, improving test accuracy to 88.9% with Logistic Regression and MLP
- Performed feature analysis with Bag-of-Words to identify influential word patterns and reduce overfitting

Book Recommendation System — Frontend Development 10/2024 - 10/2024
- Built a book recommendation app at a 24-hour hackathon using Open Library API and responsive UI
- Contributed to frontend dev with focus on real-time recommendations and seamless user experience

Partner Selection Tool — Python, Tkinter 09/2022 - 03/2023
- Developed GUI app to collect survey data and compute optimized pairings using weighted similarity algorithms
- Enabled users to adjust custom weights, improving matching flexibility for different use cases

SKILLS & AWARDS

Languages: English (Fluent), Greek (Conversational), Italian (Intermediate), French (Beginner)
Technical Skills: Python, C, C++, MIPS Assembly, SQL, HTML, UX/UI, Java, Microsoft Office
Other Achievements: SocialRiver Marathon (2025), Long Beach Marathon (2025)