Sara Laman

Allison Park, PA | slaman@andrew.cmu.edu | 412-652-4691

EDUCATION

Carnegie Mellon University *Grad May 2028*

Bachelor of Science in Information Systems, Minor in Human-Computer Interaction *GPA 3.67*

- Relevant Courses: Fundamentals of Programming and Computer Science, Principles of Imperative Computation, Database Design and Development, Designing Human Centered Software, Interaction Design Fundamentals, Application Design and Development, Practical Data Science, Effective Coding with AI

PROFESSIONAL EXPERIENCE

Teaching Assistant | 15-112 Fundamentals of Programming and Computer Science *Summer 2025 - Present*

- Led weekly recitation sessions for 30+ students, clarifying core programming and computer science concepts in Python and boosting overall student comprehension
- Provided individualized support through office hours and quiz prep sessions to help students improve performance
- Evaluated and graded quizzes and exams with attention to detail, ensuring timely, fair feedback

Research Assistant | Magee-Womens Research Institute Internship Program *Summer 2023*

- Designed and administered a survey to 100+ participants investigating the relationship between menstrual symptoms and age of first menstrual period across diverse populations
- Analyzed and presented findings to mentors and fellow research assistants, supporting data-driven insights and discussions

EXTRACURRICULARS

Business Technology Group – Product Studio | Software Engineering Team Member *Fall 2025 - Present*

- Worked in a cross-functional team of software engineers, data scientists, product analysts, and UI/UX designers to build and design web applications addressing real needs within the CMU community
- Contributed to frontend and backend development for OpenGym, a real-time occupancy tracker for CMU gym facilities, and began development for CMUsed, a digital marketplace enabling CMU students to buy and sell dormitory essentials

IS Sphere | Mentor and Ambassador *Summer 2025 - Present*

- Mentored a first-year IS student through academic, professional, and community transition, providing guidance and support
- Represented the IS program by leading Q&A panels for prospective families and organizing community engagement events

PROJECTS

Human-Centered Design Time Capsule | Design for America *Fall 2024 - Spring 2025*

- Curated a digital collection of 50+ student projects with 6 other students, highlighting innovative applications of human-centered design for social impact
- Facilitated collaboration by enabling CMU students to discover peers with shared interests and potential project partners

Escape 112 | 15-112 Fundamentals of Programming and Computer Science *Spring 2025*

- Developed an interactive escape room-style game with intuitive UI/UX features, demonstrating mastery of core programming concepts in Python including the model-view-controller framework and problem-solving skills
- Collaborated in a team setting of 2 other students, applying agile development and communication skills

HONORS & AWARDS

DECA International Career Development Conference *April 2024*

- Placed 3rd in Integrated Marketing Campaign – Event for a campaign for the Girls on the Run Celebration 5k Race

Fox Chapel Area Rotary's Service Above Self Scholarship *May 2024*

- Honored for outstanding leadership in community service for non-profits including Hello Neighbor and UPMC Family House

SKILLS

Technical: Python, C, HTML, CSS, JavaScript, SQL (Postgres)   Soft: Leadership, Public Speaking, Teaching, Mentorship