

Elaine Mansour

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Co-op/Internship Availability: Fall 2024 (August 2024 - January 2025)

EDUCATION

University of Cincinnati | Cincinnati, Ohio

Class of 2026

Bachelor of Science, Electrical Engineering Technology

ENGINEERING EXPERIENCES

Cyber Software Technical Co-op | Northrop Grumman

May 2023 - April 2024

- Converted test languages and worked to improve the previous system for increased result efficiency.
- Developed containerized environments for the testing process to streamline development debugging.
- Completed tasks assigned in an agile management system with deadlines and requirement constraints.

Cyber Software Technical Co-op | Northrop Grumman

August 2022 - January 2023

- Contributed to DOD classified work while continually working with team members and company partners.
- Utilized Linux systems in order to develop programs using multiple languages and software interfaces.
- Communicated with team members and management through multiple platforms and in person meetings.

Technical Analyst Intern | Integrated Solutions for Systems

May 2022 - August 2022

- Researched and developed a stereo odometry based program for use in the navigation operating system.
- Implemented a verbose error checking feature to increase the users information when desired for testing.
- Participated in company progress meetings with technical and management staff for greater collaboration.

TECHNICAL SKILLS

Python, Java, C++, Command Line, Testing Infrastructure, Jenkins, Docker, Soldering, Android Studio, Management, Technical Documentation, Agile Development, Customer Communications, LinuxOS

LEADERSHIP

2022 MakeUC Marketing Team Lead | MakeUC Hackathon

April 2022 - December 2022

- Illustrated multiple logo and graphic element options based on the ideas and feedback of the organization.
- Directed a team in promotion and marketing through multiple media platforms as well as email outreach.
- Increased the number of account interactions by +346% by releasing consistent content 2-4 times a week.

2023 MakeUC Logistics Team Lead & Co-Director | MakeUC

April 2023 - Present

- Organized a global event with 600+ hacker participants from 120+ majors and schools in 12+ countries.
- Interacted with company sponsors and partners to facilitate benefits and opportunities for hackers.
- Directed an organization team of 40+ people in producing a quality event with a focus on hacker opportunities.

2022 Outreach Chair & 2023 Vice President | IEEE@UC

April 2022 - Present

- Implemented a consistent design theme to brand the IEEE@UC with its own logo and distinct website.
- Influenced meeting topics to allow first-year students a greater understanding of the discussion topics.
- Assisted in organizing and communicating with company partners, executive members, and administration.

PERSONAL PROJECTS

MakeUC Hackathon

October 2021

- Assisted in building a new digital version of hangman by designing and integrating space themed images.
- Integrated JavaScript to allow for user guesses, multiple categories, upgrades, and future user memory.

ACTIVITIES

IEEE@UC: 2024-2025 President, 2023-2024 Vice President, 2022-2023 Outreach Chair

MakeUC: 2024 Director, 2023 Logistics Lead & Co-Director, 2022 Marketing Lead, 2021 Participant

Department Of Defence Security Clearance Up-To-Date