

# Ahmad Al-Omari



Mentor 1: Izzat Alsmadi

Mentor 2: Mohamed Elkbery

Home Institution: Our Lady of the Lake University

Target Course: Computer Forensics

Target Course Number: CISS 3342

Anticipated Enrollment: 20

Poster title: CISS 3342 Computer Forensics Curriculum Enhancement

## Project Goals:

- Incorporate HPC into the digital forensics curriculum, to enable students to leverage advanced computing resources for cybersecurity tasks.
- Re-create the course to be accessible to students faculty and staff, supporting a diverse learning community across disciplines and departments.
- Engage students through lectures, hands-on practical assignments, and laboratory exercises. These components will allow students to develop scripts and apply digital forensics techniques in an HPC environment.