

# Abir Islam

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## EDUCATION

### Drexel University

*Master of Science in Computer Science*

Philadelphia, PA

*Expected May 2026*

### Temple University

*Bachelor of Science in Computer Science with Honors, GPA: 3.64*

*Computer Security & Digital Forensics Certificate*

Philadelphia, PA

*December 2023*

## EXPERIENCE

### Software Engineer Intern

*Comcast*

May 2023 – Aug. 2023

*Philadelphia, PA*

- Developed frontend features for the ActiveCore DCP web application used by other Comcast business teams to manage their SD-WAN customers
- Contributed test cases as well as supporting documentation to enable easier comprehension across both engineers and project leads
- Enhanced the web application documentation page with specific instructions to more easily onboard new developers into their role
- Participated in daily scrum meetings with an offshore team to assist in resolving any blockers as well as update progress on current user stories

### Undergraduate Research Assistant

*Temple University*

May 2021 – Aug. 2021

*Philadelphia, PA*

- Collected and sanitized over 4,000 webpages using webscraping methods into CSV's for team members
- Onboarded new colleagues in setting up their own Google Colab (Jupyter notebook) for webscraping

## PROJECTS

### Clinical Trial Connector (OwlHacks Hackathon) | *Python, MySQL, MapBox*

February 2023

- Developed an app to allow patients to login and find clinical trial locations
- Secured patient health information in a mySQL database which was protected via user authentication
- Delegated roles to other group members in order to streamline workflow and complete tasks in the allocated time

### Book Webscraper GUI | *Python*

December 2022

- Produced a GUI using Python's Tkinter module to make an easy visual representation for other users
- Uses requests and BeautifulSoup4 module to search for user's requested Book Title
- Displays up to five search results as clickable links for easy access to downloads

### Eroica Discord Bot | *Python, Heroku*

April 2021

- Developed and deployed a bot for Discord that follows the Discord.py documentation and is hosted via Heroku
- Implemented method of allowing users to more efficiently display information regarding the Eroica game mechanics
- Displayed a visual analysis of the bot's prowess via an informative video guide: <https://youtu.be/1wZFne4X2G4>

## TECHNICAL SKILLS

**Languages:** C++, HTML, CSS, JavaScript, Python, Java

**Tools:** Git, Vscode