

Abir Islam

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EDUCATION

Temple University

Philadelphia, PA

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

Dec. 2023

Computer Security & Digital Forensics Certificate

Relevant Coursework

Honors Calculus III; Discrete Math II; Data Structures & Algorithms; Operating Systems;

Computer Systems & Low Level Programming; Software Design; Object-Oriented Programming in Java

EXPERIENCE

Software Engineer Intern

May 2023 – Aug. 2023

Comcast - Java Spring Boot, Angular 14, NodeJS, HTML/CSS

Philadelphia, PA

- Developed both frontend and backend 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

May 2021 – Aug. 2021

Temple University

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

Pharmacy Technician

Aug. 2019 – Jan. 2023

CVS Pharmacy

Lansdale, PA

- Effectively utilized CVS technology to improve patient lives by processing prescriptions
- Communicated with patients to discern needs and further improve the connection between CVS and its community
- Resolved insurance issues for patients by implementing patterns from previous cases

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++, Java, Python, HTML5/CSS3/JavaScript