

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; OOP in Java; Operating Systems;

Computer Systems & Low Level Programming; Software Design; Software Security; Wireless Networks & Security

EXPERIENCE

Software Engineer Intern

May 2023 – Aug. 2023

Comcast - Java Spring Boot, Angular 14, NodeJS

Philadelphia, PA

- Developed both frontend and backend features for a web application used by Comcast employees
- 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

Integrative Ecology Lab System Analyst

May 2021 – Aug. 2021

Temple University

Philadelphia, PA

- Collected and sanitized data 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