SIDDIQ MOHAIDEEN

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Education

Rensselaer Polytechnic Institute   **Sep. 2023 – Present**
Bachelor of Science in Information Technology & Web Science   *3.21/4.0 GPA*

Relevant Coursework

- Computer Science 1 (py)
- Data Structures (C++)
- RCOS
- Web Systems
- Literature 2110
- IT & Society

Extracurricular / Certificates

ITWS Student Mentor: Assist one freshman ITWS student transition to RPI's ITWS program

RPI-SEC: Attend weekly meetings to learn about binary exploitation, network security, etc

Rensselaer Cybersecurity Collaboratory: Attend meetings every week to play CTFs to gain experience and learn more about cybersecurity and the web

coding&&community: Teach high-school students beginner Python on Saturdays

CompTIA Security+ (Certificate Code: F4YLWSZ63BV4Q63L)   **July 2024**
ISC2 Certified in Cybersecurity (CC) - Provincially Passed   **May 2024**

Experience

NYSERDA   **June 2024 – Present**
Business Analyst Intern   *Albany, NY*

- Consolidating closed Mini-Bids for data insights for NYSERDA's approved vendors and internal use, and performing QA/QC on **Tableau** data to support weekly internal reports.
- Acquired **Salesforce** proficiency, converting multiple projects from Excel to Salesforce, and updating NYSERDA Knowledge Base for their SF module - GPM (Generic Project Management).
- Creating and editing SeamlessDocs forms per project manager requests, ensuring Velocimo's seamless connection with **SharePoint**, and analyzing potential alternatives to Seamless for business decisions.
- Used **JIRA** for task management and ticketing for SeamlessDocs/SharePoint issues and presented in an authority-wide meeting to share summer internship experiences.

Web Systems (class) Projects   **September 2024 – Present**
Student   *Troy, NY*

- Worked on multiple small web development projects that utilized REST APIs (specifically OpenWeatherAPI & GNews.
- Stored API Responses in **MySQL Tables**, and retrieved data from table to put into front-end.
- **Live Site:** https://mohais.eastus.cloudapp.azure.com/ITWS-2110-F24-mohais/lab3/
- Currently working on a semester-long group project that utilizes **Scrum Methodology**
- Familiar with CSA Security Guidance, due to class assignmnent.

Projects

HackRPI Project - Midnight Walker | *TensorFlow.js, HTML/CSS, Javascript, Azure*   **November 2024**

- Developed an MVP web app, under 24 hours, that showcases our idea of reducing the brightness of streetlights if people aren't in the field of view of the light.
- Used **TensorFlow.js** + COCO-SSD Model to simulate how streetlights would be able to increase/decrease brightness based on human presence.
- **Live Site:** https://mohais.eastus.cloudapp.azure.com/ITWS-2110-F24-mohais/hackrpi/

RCOS Project - Sobremesa (Async video sharing platform) | *Remix (React), Postgres, Go*   **September 2024 – Present**

- Collaborated on UI/UX design using **Figma** to create intuitive user flows and responsive layouts for a video sharing platform.
- Implemented secure user authentication system using **Go**, handling user registration, login validation in **Postgres** database.
- Leading security enhancements including bcrypt password hashing, salt generation, and implementing password recovery flow to ensure robust user data protection and comply with modern security standards.
- **GitHub:** https://github.com/sobremesa-video/sobremesa

Technical Skills

Languages: Python, C/C++, HTML/CSS, JavaScript, SQL, Postgres
Developer Tools: VS Code, Azure, gdb & Valgrind (Data Structures)
Technologies/Frameworks: Agile(Scrum), Linux (WSL), RestAPI, GitHub, NIST CSF, RMF, and HIPPA