Abdur Rahman Bin Sharif

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https://abdurdebugs117.netlify.app/

EDUCATION

University of South Florida, Tampa   Expected Graduation: May 2024
Bachelor of Science in Computer Science   **GPA: 3.56**

Relevant Courses: Software Engineering, Secure Coding, Database Design (PostgreSQL)Data Structures Algorithms and Object-Oriented Programming (C++), Programming Concepts (Python), Program Design (C Language)

SKILLS

- **Programming Languages**: Python | C++ | HTML | CSS | JavaScript | C | C#| SQL
- **Frameworks**: React | Flask | .NET Core 3.1 | Vue.js
- **SQL**-based database: Oracle, PostgreSQL

EXPERIENCE

Leads Corporation Ltd.   June 2022 - Aug. 2022
Software Engineering Intern – Full Stack   Dhaka, Bangladesh

- Collaborated with a 3-member team to support the migration of a web-based scanning tool in the **Core Banking Solution** (CBS) software, which only supported the now-deprecated Internet Explorer, to a newer version using the **NTWAIN** library and thus established browser independence in the newer version which saved **12** Bangladeshi banks upwards of **$20,000** in licensing fees
- Designed and developed a UI for a test project which included customer login and registration pages using **Vue.js**
- Developed and debugged the backend using the **.NET Core 3.1** framework that utilized the **Oracle** database to support **CRUD** operations on customer data and **tested** the backend **API** functionality using **Postman**

University of South Florida Computer Science and Engineering Department   Jan 2023 - Present
Teaching Assistant – Programming Concepts (Python)   Tampa, Florida

- Graded student projects and exam papers of 87 students and provided feedback
- Invigilated exam halls and held weekly office hours

PROJECTS

USF Student Mental Health Blog (HackaBull 2022, University of South Florida)

- Developed a **Flask** web app in a **virtual environment** where logged in users can create and view blog posts.
- Leveraged **wtforms** to generate and validate blog creation and user login/registration forms.
- Designed a **SQLite3** database and interfaced with it using **SQLAlchemy** to support **CRUD** operations.

Health Management System (https://github.com/abdurctf/hms) - Ongoing

- Implemented a UI using React that enables users to create, update and remove hospital appointments

Reminders Web App (Demo **)**

- Developed a Vue.JS web app that can list down reminders and able to toggle them on and off depending on the specified date and time

ACTIVITIES & CLUBS

- Participated in ICPC, North America Regionals, Miami   March 2022
- Participated in HackJam, USF   October 2022
- Society of Competitive Programming, USF, Member   2020-Present
- The Muslim Connection, USF, Officer   2022-Present
- Society of Hispanic Professional Engineers, USF, Member   2020-Present