

# Abdur Rahman Bin Sharif

Tampa, FL | (347) 251-6170 | asharif1@usf.edu | [abdurctf](#) | [Github](#) | [Abdur Rahman Bin Sharif](#) | [LinkedIn](#)  
<https://abdurdebugs117.netlify.app/>

## EDUCATION

**University of South Florida, Tampa**

*Bachelor of Science in Computer Science*

Expected Graduation: May 2024

**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, Vice President 2022-Present
- Society of Hispanic Professional Engineers, USF, Member 2020-Present