

Abdur Rahman Bin Sharif

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EDUCATION

University of South Florida, Tampa

Bachelor of Science in Computer Science

Expected Graduation: May 2024

GPA: 3.62

SKILLS

- **Programming Languages:** Python | C++ | HTML | CSS | JavaScript | C | C#
- **Frameworks:** VueJS | Vuex | Flask | .NET Core 3.1 | SQL |

EXPERIENCE

Leads Corporation Ltd.

June 2022 - Aug. 2022

Software Engineering Intern – Full Stack

- 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.
- Established browser independence in the newer version which saved **12** Bangladeshi banks upwards of **\$20,000** in licensing fees for third-party support.
- Designed and developed a UI for a test project which included customer login and registration pages using **Vue.js**
- Implemented **state management** such as data retention after page refresh, passing data around components etc. using **Vuex**.
- Developed and debugged the backend using the **.NET Core 3.1** framework that utilized the **Oracle** database to support **CRUD** operations on customer data.
- Tested the backend **API** functionality using **Postman**.

Maple Leaf International School - IT Department

June 2018 – May 2020

IT Technician – Design

- Utilized **Adobe Photoshop** to prototype and design banners, logos, and ID passes for 5+ school events.
- Directed and edited 4+ videos by using **Adobe Premier Pro** for promotional and educational purposes.
- Led on-site troubleshooting efforts for technical difficulties during events.

Academia Coaching Center

June 2018 - May 2020

Teaching Assistant – High School STEM

- Reviewed, graded, and provided feedback for exam papers of **150+** students monthly.
- Invigilated exam halls consisting of **200+** students.

PROJECTS

Flask Blog Web App

- 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.

Reminders Web App

- 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 Hackabull, USF March 2022
- Society of Competitive Programming, USF, Member 2020-Present