

# RAED IDRIS SERAJ

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## EDUCATION & HONORS

### University of South Florida

Aug 2019 - May 2023

Bachelor of Science in Computer Engineering

Tampa, FL, USA

- GPA: 3.97
- Awards: Presidential Scholarship & Honors College (\$48000), Dean's List (Fall'19, Spring'20, Fall'20)

## SKILLS

- **Languages:** C, Javascript, Java, HTML5, CSS3
- **Frameworks:** Node.js, Express.js, React, MongoDB, Mongoose ORM
- **Tools & Platforms:** Git, Github, Visual Studio Code, Postman, Heroku, MongoDB Compass

## PROJECTS

### Github Battle - A Mini Game Application

Jan 2021

- Built a mini-game application that compares the number of stars of two GitHub users and declares a winner.
- Developed using React and data pulled from the Github API.

### Pocket - A Budgeting Application

Aug 2020

- Pair programmed with a friend to create a budget tracking application using JavaScript, Node.js, Express, MongoDB, Mongoose, and EJS.
- Used the MVC architecture approach to make the application design modular.
- Successfully deployed the application using technologies like Mongo Atlas and Heroku.

### Parking Mobile App

May 2020

- Designed a parking mobile app with a group of five members. The project included numerous phases like design reviews, testing, and fabrication. Primary responsibilities included preparing various documentation for the app, including the creation of user guides.

### Tank System

Dec 2019

- Worked with a team to assemble a small tank system driven by an Arduino. The project included incorporating a line tracker system and ultrasonic sensor for avoiding collisions with walls.

## WORK EXPERIENCE

### College of Engineering, University of South Florida

Aug 2020 - Present

Teaching Assistant

Tampa, FL, USA

- Assisted the professor to conduct the Foundations of Engineering class consisting of 80+ students.
- Primarily graded student assignments and aided them with course materials.
- Organized student groups and conducted breakout sessions.

### University of South Florida Dining Services

Jan 2020 - Apr 2020

Cashier and Food Services Employee

Tampa, FL, USA

- Worked as a cashier at various Fast Food outlets at the USF campus, including, Subway, Panda Express, Moe's Southwest Grill, 813 Eats, and USF Concessions Store.
- Managed the cash till, catered to customers, maintained product stock, and cleaned facilities.

### Academia School

Aug 2018 - Aug 2019

Private Tutor and Teaching Assistant

Dhaka, Bangladesh

- Worked as a teaching assistant for a high school Mathematics teacher. Graded the assignments of 100+ students in Pure and General Mathematics.
- Tutored 3 students in IGCSE 'O' Level and Advanced 'A' Level Physics, Chemistry, and Mathematics.

### Jaago Foundation

Jul 2018 - Nov 2018

Project Development Intern

Dhaka, Bangladesh

- Interned at a large humanitarian organization that serves underprivileged children in Bangladesh.
- Assisted in writing, reviewing, and proof-reading grant applications to various donor organizations.
- Performed extensive background research on numerous funding opportunities for the team.