# RAED IDRIS SERAJ

301-841-5220 • rseraj@usf.edu • github.com/raed56 • linkedin.com/in/rseraj

## EDUCATION & HONORS

### University of South Florida
Aug 2019 - May 2023
Tampa, FL, USA

Bachelor of Science in Computer Engineering
- GPA: 3.96
- Awards: Presidential Scholarship & Honors College ($48000), Dean's List (Fall'19 - Spring '21)

## TECHNICAL SKILLS

- **Languages:** C, 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

## WORK EXPERIENCE

### College of Engineering, University of South Florida
Aug 2020 - Present
Tampa, FL, USA

Teaching Assistant
- 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
Tampa, FL, USA

Cashier and Food Services Employee
- 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
Dhaka, Bangladesh

Private Tutor and Teaching Assistant
- 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
Dhaka, Bangladesh

Project Development Intern
- 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.

## PROJECTS

### Personal Website | Github · Live
Jun 2021 - Aug 2021

- Built a personal website from scratch using React and Sass.
- Made the website fully responsive for all display sizes and dimensions.
- Demonstrated clean UI design techniques including CSS animations, Loaders and Grids.
- Developed reusable React components for rapid UI development and maintaining quality code.

### Trading Application | Github
Apr 2021 - May 2021

- Created a trading application using C++ that allows the user to buy and sell stocks in a simulated text-based market.
- Functionalities include creating stock objects, tracking purchased/sold stocks and calculating net profit/loss on the user's investment.
- Utilized object oriented concepts like inheritance, polymorphism, encapsulation and method overloading.

### Pocket | Github · Live
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.