

# Sandipan Mondal

Phone: 732-306-6762 | Email: [office.smondal@gmail.com](mailto:office.smondal@gmail.com) | LinkedIn: [www.linkedin.com/in/sand1pan](https://www.linkedin.com/in/sand1pan)  
[Github](#) | [Portfolio](#)

## Education & Skills/Coursework

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Rutgers University - New Brunswick

Bachelor of Science in **Computer Science**

GPA: **3.87 / 4.00**

2020-2024

Dean's List since 2020

**Languages:** Java, SQL, JavaScript, HTML, CSS (Bootstrap + Tailwind CSS + Tachyons), Python, C

**Frameworks/Libraries/Environments:** ReactJS, NodeJS + Express, JavaFX, Redux

**Databases:** PostgreSQL, MongoDB, Firebase

**Version Control:** Git, GitHub

**Certificates:** AWS Cloud Practitioner (ongoing)

Related Coursework: Software Methodology, Internet Technology (Networks), Data Management for Data Science, Algorithms, Data Structures, Numerical Analysis

## Projects

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- ❖ **Face Recognition Website (Full-Stack)** | [Website-Demo](#) | [Frontend-Github](#) & [Backend-Github](#)
  - o Built a website where users can paste an image link and the website will draw a box around any human faces if Clarifai's **RESTful API** detects any
  - o Implemented entire user signup/registration form with password encryption and stored information in a relational database & tracked the number of images per user
  - o Deployed on **Heroku** with endpoint testing on **Postman** and designed with the help of **Tilt.js**
  - o Utilized **Knex.js** to communicate with database from Node.js + Express server
  - o Used: **React.js, Node.js, Express, PostgreSQL, HTML, CSS Tachyons, RESTful API**
- ❖ **MERN Todo App (Full Stack)** | [Github](#)
  - o Developed a Todo app with **CRUD** functionality where users can create, read, update, and delete items at their leisure
  - o Utilized **Mongoose** in order to talk to MongoDB database
  - o Used the **Axios** library in React.js and **CORS** package in Node.js to connect the frontend to the backend with endpoint testing on Postman
  - o Used: **React.js, Node.js, Express, MongoDB, HTML/CSS**
- ❖ **React Chat Application** | [Github](#)
  - o Created a messaging web app where users can message each other in real time
  - o Users can login via Google **authentication** and messages/user-chat-data is saved in **Firestore**
  - o Used: **React.js, Firebase, HTML, Tailwind CSS**
- ❖ **Coffee + Donut Cafe Android App** | [GitFront](#)
  - o Functional Android App where customers are able to order Coffee and different types of Donuts
  - o App exhibits **CRUD** functionality as users and managers are able to create, read, update, and delete multiple orders as deemed necessary with a running subtotal in the background
  - o Used: **Java, MVC Architecture, Android Studio**