

Sadman Chowdhury

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Github: <https://github.com/SAD2023>

Education

Cornell University, Ithaca, NY

September 2019 - May 2023 (anticipated)

| Bachelor of Arts in Computer Science | GPA: 3.703

Programming Skills

Languages

Python, Java, HTML, CSS, JavaScript, OCaml, Kotlin, and Sql.

Technologies

Bootstrap, Jade Templates, Node.js, Express.js, React.js, MongoDB, AWS, Google Cloud, Heroku, some grasp of Android Studio, and knowledge of version control with Github.

Experience

Mentor at CSApps Research Program

July 2020 - August 2020

Over the summer, I guided four students through the initial design process of a Python project that used UNDP Datasets and other studies to find a correlation between education levels and income equality in developing nations.

Member of Cornell Daily Sun Web Team

April 2021 -

Familiarized myself with an already existing GitHub repository for a React website and began working on the Design Services branch, adding several components and modifying the user interface.

Projects

Big Red Redemption - A Cornellian RPG

October 2020 - December 2020

- Worked in a four person team in CS 3110.
- Designed and programmed an rpg that follows the life of a Cornell student.
- The game is fully written in OCaml and displayed using the OCaml Graphics Library Gui.
- Players make decisions and play minigames throughout the playthrough and receive specific endings
- The complete code can be found here: <https://github.com/SAD2023/rpg>

My Personal Website

January 2021

- Created my portfolio website using HTML/CSS
- Deployed the website using AWS Amplify with a custom domain from Route 53
- The code can be found in my GitHub, and the website can be accessed at sadmanchowdhury.com

PeopleDB

January 2021

- Created a dynamic website using Node.js and Express.js.
- Connected the website with a MongoDB database.
- Constructed several different interconnected pages (e.g. one where users can input data into a form and another where they can check the recent version of certain information from the database).
- Deployed the website through both Google Cloud and Heroku.
- Google Cloud version link: <https://peopledatabase-303501.uk.r.appspot.com/>
- Heroku version link: <https://nodejs-people-db.herokuapp.com/>

Relevant Coursework

- CS 1110: Introduction to Computing Using Python
- CS 2110: Object Oriented Programming and Data Structures
- CS 2800: Discrete Structures
- CS 3110: Data Structures and Functional Programming
- CS 3410: Computer System Organization and Programming

Involvement

Cornell International Affairs Society - Executive Vice-President (May 2021-)

Cornell International Affairs Society - VP of Membership (April 2020-)