

# Sadman Chowdhury

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Linkedin: <https://bit.ly/3i12RFV>  
Github: <https://github.com/SAD2023>

## Education

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**Cornell University, Ithaca, NY**

*September 2019 - May 2023 (anticipated)*

| *Bachelor of Arts in Computer Science* | **GPA: 3.703**

## Programming Skills

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### 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

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**CSApps Research Program, Bronx, New York (virtual) – Mentor**

*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.

## Projects

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**Big Red Redemption – A Cornellian RPG**

*October 2020 – December 2020*

As part of a four person team in CS 3110, I designed and programmed an rpg that follows the life of a Cornell student through their four years in Ithaca. The student makes decisions that have specific consequences (such as gaining new friends!) which accumulate and ultimately decide which ending they receive. Players also take part in several minigames in their playthrough. The game is displayed using the OCaml Graphics Library Gui and written fully in OCaml. The complete code can be found here:

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

**My Personal Website**

*January 2021*

I created my portfolio website using HTML/CSS and deployed it through 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](https://sadmanchowdhury.com)

**PeopleDB**

*January 2021*

I created a dynamic website using Node.js and Express.js that communicates with a MongoDB database. There's a page where the users can fill out a form to enter a person's name, email, and location. Then, they can visit another page that displays all of the people currently in the database to see the name of the person they just entered. The code can be found in my GitHub and the website can be visited at both of these links (the former is deployed using Google cloud and the latter through Heroku):

<https://peopledatabase-303501.uk.r.appspot.com/> or <https://nodejs-people-db.herokuapp.com/>

## Involvement

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**Cornell International Affairs Society** – VP of Membership (April 2020–)

**Cornell InRealTerms Newsletter** – Writer (Sep. 2019– April 2020)