

# Moududur “Moody” Rahman

New York City • (929) 278-3131

[moody.byte@gmail.com](mailto:moody.byte@gmail.com) • [linkedin.moodyrahman.com](https://www.linkedin.com/in/moodyrahman.com) • [github.com/moodyRahman](https://github.com/moodyRahman)

## Education

**Hunter College** - BA Computer Science, Music Theory Minor, Daedalus Honors Cohort

*Related Courses:* Honors Data Structures & Algorithms (I, II, III), Computer Architecture (I, II), Computer Theory

*Expected Graduation:* May 2024

**Stuyvesant High School** - Stuyvesant Endorsed High School Diploma

*Related Coursework:* APCS AB, Software Engineering, Computer Graphics, Intro to AI

## Skills

**Fluent Languages:** Python, Java, C++, JavaScript, Bash

**Familiar Languages:** Scheme, NetLogo

**Web Frameworks:** Flask, Django, Express, NodeJS

**Databases:** \*SQL, MongoDB

**Frontend Development:** JQuery, React, Bootstrap (React and HTML), HTML + CSS

**Infrastructure:** Heroku, Nginx, WSGI, Debian Linux, GCP, serverless APIs, DNS configuration

## Experience

### Policygenius, NYC

**Software Engineering Intern, hackNY Fellow**

June 2022 - Present

- Debugged the testing pipeline to block Cypress tests until Gatsby Cloud finished spinning up a preview URL, and then proceeding Cypress tests with the Gatsby Cloud URL
- Reimplemented the careers page to utilize Gatsby SSR to optimize core web vitals, specifically the CLS score
- hackNY is a ten-week fellowship where fellows are matched with startups, live in NYC together, and attend events and talks.

### Hunter College, NYC

**Bioinformatics Intern**

July 2021 - September 2021

- Analyzed and wrote documentation for an open-source Tensorflow DNA sequencing library ([link](#))
- Designed and programmed a frontend for this library with ReactJS and the Bootstrap component library ([link](#))

## Extracurriculars

### Google Developer Student Club, NYC

**Secretary, Technology Lead**

September 2020 - Present

- Design and host workshops and live demos on CS topics to present to the Hunter College community.
- Topics range from full-stack web development (ReactJS, backend APIs) to Linux system skills (server deployments, Bash shell scripts).

## Projects

**Chest** - Bootstrap, JQuery, HTML, Flask, and MongoEngine

<https://chest.moodyrahman.com/help>, <https://github.com/moodyRahman/chest/>

- Designed and built an open-source inventory manager for tabletop roleplaying games with Python/Flask.
- Features user login, registration, multiple characters per user, item tagging, and dynamic inventory searching.
- Hosted service on a headless DigitalOcean Ubuntu server with Gunicorn and Nginx.