

JACINTO GOMEZ

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OBJECTIVE

Software Engineer with 2 years of experience, seeking full-time roles.

EDUCATION

Master of Computer Science, New York University - GPA: 3.93 2022-2024

Relevant Coursework: Data Structures, Algorithms, Machine Learning, Artificial Intelligence, Deep Learning

Bachelor of Mechanical Engineering, Cornell University 2016-2020

SKILLS

Languages & Frameworks	Python, C++, Django, Node.js, Next.js, React, Flask
Systems & Tools	AWS, Docker, MySQL, LangChain, Firebase
Soft Skills	Leadership, Adaptability, Communication, Time Management, Problem Solving

EXPERIENCE

Lead Teaching Assistant 05/2022 - 05/2024
NYU Tandon Bridge *New York, NY*

- Improved course by re-designing assignments and grading workload among 7 teaching assistants.
- Reduced grading work by 20-30% by designing Python/shell scripts for auto-grading programming questions.
- Led learning sessions to adapt common CS topics to be understandable for 500 non-STEM students.

Software & Laboratory Engineer 01/2021 - 12/2021
NYU Center for Neural Science *New York, NY*

- Facilitated neuroscience experiments by writing and maintaining eye-tracking and simulation software environments and code.
- Improved collection of eye movement data by constructing a series of virtual reality training apparatuses.
- Accelerated experiments by analyzing feedback data to improve simulations and yield more accurate results.

PROJECTS

NYC Accessible Streets. Worked on a software engineering team of 6 to create an app to show live availability data of 5000+ Uber/Lyft drop-off points for handicapped users. Project was called useful by 10 individuals who used it throughout NYC. Uses Django, Postgres and AWS. ([Repo](#))

Foreign Language Bot. Built an AI interface tool to aid intermediate language learners in speaking and listening using Flask, LangChain, and OpenAI API. ([Repo](#))

Augmented Library. Contributed to building the backend functionalities of a Node.js reservation application. Project was launched and used by NYU's Dibner library for reserving study rooms. ([Repo](#))

EXTRA-CURRICULAR ACTIVITIES

- Fellow at HeadStarter AI, actively developing full stack system projects each week and practicing coding questions with other passionate software engineers.

LEADERSHIP

- Lead Teaching Assistant and Software Engineer for the [Tandon Bridge Program](#), managing 7 additional teachers and up to 500+ students across 3 concurrent cohorts. Actively involved in creating web pages that demonstrate how fundamental computer science topics work for students without a proper technical background.