

MIRANDA CASAN

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EDUCATION

Queens College, City University of New York (CUNY)

Bachelor of Science in Computer Science, Minor in Graphic Design & Japanese | GPA: 3.0

Flushing, NY

Expected May 2022

LaGuardia Community College, City University of New York (CUNY)

Associates Degree in Computer Science | GPA: 3.0

Long Island City, NY

May 2020

Relevant Coursework:

Discrete Structures, C++ Programming, Design and Analysis of Algorithmics, Java, Data Structures, Computer Organization, Theory of Computation

SKILLS

Programming: C++, HTML, CSS, Python, JavaScript, Java, MATLAB

Technologies: Jupyter Notebook, Google Colab, Git/GitHub, Flask, Adobe Photoshop, InDesign, Windows, Linux, Heroku, Visual Studio, IntelliJ IDEA

Certifications: Udemy's Discrete Structures, Data Structures, and Algorithms, January 2022; Udemy's The Modern Python 3 Bootcamp, February 2022

Spoken Languages: Spanish (Native), Japanese (Intermediate)

PROJECTS

Nicomi Web App

January 2022

- Implemented a web application using Flask for authentication and database for the user
- Developed the user interface using HTML, CSS, JavaScript, and Python to save credentials into the account and authentication as a returning user

Matrix Multiplication

March 2020

- Used MATLAB to create a (10x10) matrix and a vector of length 10 to solve the matrix equation
 - Implemented LU method for the matrix multiplication and raised the matrix to a given power
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RELEVANT EXPERIENCE

CUNY Tech Prep

New York, NY

Fellow, Data Science

Jun 2020 – Present

- Selected for a technical training program, as one of 183 students out of 400+ applicants
- Learn in-demand technologies like Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL as well as industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data

CUNY Tutors Corps, Brooklyn, NY

Brooklyn, NY

College Assistant

August 2019 – June 2021

- Mentored and supported 20+ high school students at Bronx Center for Science and Mathematics with STEM courses that covered topics: Python, Algorithms, Data Structures, Algebra, Trigonometry, etc.
 - Coordinated and maintained timely communication through regular meetings and emails with teachers and Tutor Corps Instructional Services Manager regarding schedule, classroom visits, and issues of concern
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VOLUNTEER /LEADERSHIP

LaGuardia Community College

New York, NY

Campus Peer Leader

August 2019 – September 2019

- Oriented 100+ new students about The LaGuardia Community College Campus and guided them through course registration, class locations and major requirements
 - Guided students through their programs and assisted in event management with a team of 6 other people
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ASSOCIATIONS

Latinas of RTC

October 2021

National Society of Leadership and Success

March 2021