**Jen Martinez**

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**Education**

**New York University** l Brooklyn, NY Aug 2021 - Present

* Bachelor of Science, Computer Science
* Recipient of the New York University Tandon School of Engineering Scholarship
* TRIO Scholars Program

**Washington Heights Expeditionary Learning School** l New York, NY Sept 2017- Jun 2021

* Recipient of Advanced Regents Diploma of New York State
* Advanced Placement: Global History Seminar, Spanish Language, Calculus AB, Civics Research, English Language

**Projects**

* **Artificial Intelligence Emotion Detection** Sept 2021 – Jan 2022
  + Led data science project for machine learning with a large dataset.
  + Conducted thorough data cleaning and analysis.
  + Implemented preprocessing techniques for optimal ML readiness.
* **Moon Rover Robot Prototype**  Aug 2021 – Jan 2022
  + Created a robot with the feasibility to move plants from one location to another.
  + Coded a relation of the gyro sensor apparatus to detect distance from the constrained location.
  + Logged updates on changes made to the device per meeting.

**Professional Experience**

* **Artificial Intelligence, Inspirit AI with Stanford, and MIT** Dec 2020 – Jan 2021
  + Followed Stanford and MIT’s scientific protocol to reach defensible conclusions on Artificial Intelligence’s ability to recognize facial recognition with respect to human ethics.
* **Researcher, Intergenerational Change Initiative** | New York, NY Jun 2021 – Aug 2021
  + Cleaned and Rendered teen collected Data into cohesive terms.
  + Formulated a green space map based on teen-suggested data.
* **Facilitator, NYU Peer Justice Zone |** New York, NY Sept 2019 – Present
  + Demonstrated leadership in educating on critical matters of societal importance.
  + Orchestrated Race Diversity and Equity course for all NYU students and faculty.

**Skills & Certification**

* **Languages:** American Sign Language (basic), Arabic (beginner), French (interm), Spanish (fluent)
* **Programming**: Python, JavaScript, HTML, CSS, C++, Java, SQL
* **Certificates:** Artificial Intelligence with Stanford and MIT, Data Science, Math Award, Youth Philanthropy Initiative, NYU Leadership
* **Tools**: Visual Studio Code, Visual Studio, PyCharm, GitHub, mySQL