

Violeta Escandon Correa

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EDUCATION:

Georgia Institute of Technology - Atlanta, Georgia
Bachelor of Chemical Engineering

Expected Graduation: May 2025
High School for CTEA GPA: 98.42/100

TECHNICAL SKILLS:

- Microsoft Word, Excel, PowerPoint
- WebPT
- Autodesk Inventor
- Google Suite (Docs, Sheets, Slides)
- Advanced MD
- Fluent in English and Spanish

PROJECTS/RESEARCH:

- The NASA MUREP Aerospace Academy Program** **Contributor to Publication** **June – October 2020**
- Collaborated with my team to find the best ways to deliver online STEM content to students.
 - Presented technical report at the Geological Society of America.
- York College Summer Research Program** **Undergraduate Researcher** **June – August 2020**
- Personal research titled “An Analysis of Temperatures from Central Park, New York City.” Presented to York College.
 - Brought awareness to Urban Heat Islands and their relationship to rapid urbanization by analyzing 10-year temperature data.

EXPERIENCES:

- Grant Associates, NY** **ISP Prep Participant** **May – June 2021**
- Participated in 20 hours of workshops to better understand my career in engineering, the journey, and next steps after high school.
- The NASA MUREP Aerospace Academy Program** **Student Participant** **June – October 2020**
- Built and programmed a control remote control car from scratch using Python and C++ programming.
 - Interviewed by AT&T and featured in the Queens Daily Eagle.
- Determination Physical Therapy, NY** **Receptionist** **July – September 2018**
- Used WebPT to schedule 10+ patients’ appointments and create 3+ patients’ profiles daily.
 - Communicated directly with over 20 primary insurances to deal with financial coverages.

VOLUNTEER EXPERIENCES:

- Jump Start Tutoring** **Algebra and Pre-Calculus Tutor** **June – December 2020**
- Created over 30 PowerPoint lessons from scratch to target weak areas of Algebra II subject.
 - Conducted sessions 3 times a week lasting a range of 1-3 hours. Completed over 55 hours in total.
- Determination Physical Therapy, NY** **Physical Therapist Assistant** **June – July 2018**
- Assisted patients by applying heating, cooling pads, and electric stimulation.
 - Instructed patients when using stationary bike, pulley, medicine balls, and other equipment.

LEADERSHIP/ORGANIZATIONS:

- Team Leader at Georgia Tech Living Learning Community ‘Impact’** **June 2021 – Current**
- Participate in bi-monthly out-reach event, focusing on diversity, social good, sustainability, and community engagement.
 - Currently, collaboratively working on ‘Impact Project’ to bring a sustainable enrichment program to local elementary schools.
- Recruitment Committee at Society of Women Engineers ‘SWE’** **December 2021 – Current**
- Brainstorm and communicate new promising ideas/proposals to encourage GT students in GT-1000/2000 classes to join SWE.
- Logistic Specialist & Mentor at ‘GT’s Summer Research Academy’** **December 2021 – Current**
- Review and select student applications, facilitate student and PI relationships, and plan summer curriculum.
- Captain of High School ‘Volleyball Varsity Team’** **June 2019 – June 2021**
- Organized practices. Fundraised over \$500 yearly. Communicated with coaches from our area to schedule scrimmages.

AWARDS/CERTIFICATIONS:

- Georgia Tech Clark Scholarship Program (Nationwide Foundation)** **February 2021- Current**
- Selected among 41,000 applications for embodying scholarship, entrepreneurship, service, and leadership skills.
- NOCTI Knowledge-Based Workforce Competency Credential** **June 2021**
- Industry-based assessment for individuals exceeding electrical, mechanical and design process engineering knowledge.

PUBLICATIONS:

- The NASA MUREP Aerospace Academy Program** **Contributor to Publication** **June – October 2020**
- “THE NASA MUREP AEROSPACE ACADEMY PROGRAM (MAA): PLAYING A PIVOTAL ROLE IN BRIDGING THE KNOWLEDGE-GAP DURING THE COVID-19 PANADEMIC”.
- The NASA MUREP Aerospace Academy Program** **Student Participant** **June – October 2020**
- “NASA MUREP AEROSPACE ACADEMY ENGAGING HIGH SCHOOL STUDENTS IN ROBOTICS WITH GEOSCIENCE APPLICATIONS:YORK COLLEGE, QUEENS, NEW YORK CITY”.