

# Michael Ortega

800 Peachtree St NE, Apt 1514 Atlanta, GA, 30308

+1 (954) 296-8027 | michaelortega@pm.me | www.michurl.net | github.com/mikster36 | linkedin.com/in/michaelortega45

## Education

### Georgia Institute of Technology

B.S. in Computer Science

- 4.0 GPA | Threads with focus in Intelligence and Modeling/Simulation

Atlanta, GA

Anticipated Graduation: Dec 2026

### Broward College

Associate of Arts

- Graduated Summa Cum Laude

Weston, FL

May 2019 - June 2022

### Somerset Academy Charter

High School

- Graduated salutatorian | 4.0 GPA

Pembroke Pines, FL

Aug 2018 - June 2022

## Work Experience

### Mathnasium

Lead Instructor (02/21 - 08/22), Instructor (07/20 - 02/21)

- Trained new instructors and oversaw overall instructor training and growth (approx. 20 instructors).
- Aided in the enrollment and marketing processes by holding 4-5 monthly parent consults and running 4 marketing events.
- Monitored and updated students' curriculum by curating specific topics for customized curriculum, communicating student progress to parents. (approx. 100 students)
- Privately tutored Algebra I and II, Geometry, Pre-Calculus, Calculus I, SAT/ACT Prep, and other higher-level Algebra (approx. 20 students).
- Aided in the development of integral math skills for middle and high school students.
- Soft Skills:** Teamwork, Time Management, Communication, Delegation.

Pembroke Pines, FL

Jul 2020 - Aug 2022

### Cypress Street Pint & Plate

Servers' Assistant & To-Go Specialist

- Supporting servers and bartenders by clearing tables, assisting guests, and restocking supplies in a fast-paced environment.
- Assisting bartenders with restocking glassware and managing orders over the phone, online, and at the bar.
- Soft Skills:** Teamwork, Time Management, Communication, Customer service.

Atlanta, GA

March 2023 - Present

## University Projects

### Parkinson's Disease Detection

Big Data Big Impact Club, Georgia Tech

- Analysing dataset of biomedical voice measurements from 219 patients and results of cognitive assessments from 2300 patients to predict Parkinson's in new patients.
- Train and alter ML model using SVM and XGBoost algorithms to achieve 95% certainty.
- Working towards combining multiple models and developing a website to gather user input.
- Technical Skills:** Python (TensorFlow, Numpy, Pandas, Plotly, Matplotlib, Xgboost), Google Colab.
- Soft Skills:** Time Management, Teamwork.

Atlanta, GA

Sep 2022 - Present

### International Rating Systems

Building for Equity and Sustainability VIP, Georgia Tech

- Analysed 9 case studies of equity and sustainability in the built environment to create suggestions for the International Living Future Institute (ILFI)'s Living Building Challenge rating systems.
- Partnered with the NAACP's Centering Equity in the Sustainable Building Sector (CESBS) Initiative to communicate suggestions and critiques supported by research on equity to the ILFI.
- Technical Skills:** Wordpress.
- Soft Skills:** Research skills, Presentation skills, Teamwork, Communication Skills.

Atlanta, GA

Aug 2022 - May 2023

## Skills

**Programming** Python (BeautifulSoup, TensorFlow, Selenium, Requests, Pandas, etc.), Java, HTML/CSS, TeX, C++.

**Miscellaneous** Windows, Shell(Bash/Zsh), LaTeX, Microsoft Office, Ableton Live, Adobe Photoshop.

**Soft Skills** Time Management, Teamwork, Problem-solving, Documentation.