

# Victor Hugo Del Carpio Gomez

LinkedIn | GitHub

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## EDUCATION

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### Yale University

New Haven, CT

**BS** | Computer Science, **GPA:** 3.1/4.0

*May 2023*

- **Honors:** QuestBridge National College Match Scholarship (2019).
- **Activities:** Yale Computer Society Research Team, YUAA CubeSat CS Team, Code Haven (Mentor).
- **Relevant Coursework:** Introduction to Computer Science, Discrete Math, Data Exploration and Analysis.

### Centreville High School

Clifton, VA

*Advanced High School Diploma*, **GPA:** 4.4/4.0

*June 2019*

- **Honors:** Mathematics Medallion, NHRP Scholar, QuestBridge College Prep Scholar, National AP Scholar. Participated in Yale Young Global Scholars (ASE) and MIT's MOSTEC program (Machine Learning).
- **Relevant Coursework:** Multivariable Calculus and Linear Algebra (Mason-FCPS Math Dual Enrollment), AP Computer Science A, Adv. Computer Science AB (Data Structures), STEM Engineering, STEM Robotics.

## SKILLS

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**Programming:** Python, Java, HTML/CSS/JS, R, C. **Languages:** Spanish (Native) and English (Fluent).

**Libraries:** Scikit-learn, Keras, Beautiful Soup.

**Tools:** Autodesk Inventor, Microsoft Office, Git.

## EXPERIENCE

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### Student Technology Collaborative

New Haven, CT / Remote

*Student Technician*

*Oct 2019 - May 2020*

- Troubleshoot students' technical issues both in-person and remotely on the ServiceNow Chat, maintaining the average wait time under 30 seconds.
- Managed and updated clients about their troubleshooting tickets, performed data backups on hard drives and solid-state drives, made part recommendations to clients, and repaired personal computers under supervision.

### Mathnasium, The Math Learning Center

Centreville, VA

*Mathematics Instructor*

*Aug 2018 - Dec 2018*

- Instructed/tutored students ranging in math level from grade school math to single-variable calculus.
- Graded student's notebooks and curated further instruction to reflect their mastery of previous subjects.

## PROJECTS

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**Open Source**, projects available on GitHub.

- *EquityPrep*: Website that provides students with free SAT, ACT, and other standardized test prep materials.
- *Pharmacatalyst-scraper*: Web-scraper that creates summaries of pharma companies with upcoming catalysts.

**FIRST Robotics**, programmer for Centreville Robotics.

*2017 - 2019*

- Wrote code (Java) for robot control and automation for FTC 10516/FRC 5243. Edited and maintained the engineering notebook. FTC 10516 Qualified for States-Level Championship 2x.

## LEADERSHIP EXPERIENCE

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### Yale Student Quantitative Research Group

New Haven, CT

*Director of Technology*

*May 2020 - Present*

- Developed and maintained a responsive website in HTML/CSS/JS for the organization.
- Led the development of a preliminary algorithmic trading bot utilizing an unofficial Robinhood API.

### STEM for the Streets

Washington, D.C.

*Executive Director of Virginia Chapter*

*Sept 2017 - Present*

- Led multi-week workshops in 5 elementary and middle schools in SE Washington, D.C. and Northern Virginia, reaching over 100 underprivileged students.
- Presented our pitch to representatives of Microsoft, Amazon Web Services, UNICEF, and ECLAC.
- Developed website using a Jekyll template, wrote curriculum, and raised >\$2000 through GoFundMe.