

VICTOR HUGO DEL CARPIO

SOFTWARE DEVELOPER

EDUCATION

CENTREVILLE HIGH SCHOOL

Advanced Diploma expected June 2019

4.405/4.0 Weighted GPA. Enrolled in 13 AP & Post-AP courses. Recognized by Faculty for Outstanding Achievement in AP Computer Science A & Adv. Computer Science AB.

CONTACT

Email:// vhdelcg@gmail.com

GitHub:// [victor-hugo-dc](https://github.com/victor-hugo-dc)

LinkedIn:// [victor-hugo-dc](https://www.linkedin.com/in/victor-hugo-dc)

Website:// [victorhugo](https://victorhugo.com)

SKILLS

Java, Python, HTML/CSS, TeX, Processing, Arduino, Autodesk CAD, Microsoft Office.

PROJECTS

EQUITYPREP

Website that provides free SAT & ACT test preparation materials in order to allow underprivileged students an equal opportunity. <http://equityprep.gq>

AWARDS

2018 QuestBridge Scholar

2018 AP Scholar with Distinction

2018 NHRP Scholar

EXPERIENCE

STEM FOR THE STREETS

Co-Founder, Co-CEO | Sept 2017 - Present

Non-profit organization aimed at exposing underserved minority children to STEM through hands-on science experiments and engaging lesson plans accompanied by STEM professionals.

Held workshops at underprivileged schools in SE Washington D.C.

Raised funds through GoFundMe, created curriculum, and created the website.

CENTREVILLE ROBOTICS

Programmers, EN Editor | Sept 2017 - Present

Wrote teleop and auton code for FTC 10516 and FRC 5243. 10516 Qualified for States-level competition for two years in a row. Edited the engineering notebook kept it up-to-date.

MATHNASIUM

Mathematics Instructor | Aug 2018 - Dec 2018

Taught math through Calculus at the Mathnasium in Centreville, VA.

ACADEMICS

GEORGE MASON UNIVERSITY

Mason-FCPS Math Dual Enrollment Program

Math 213: Analytic Geometry and Calculus III.

Math 203: Linear Algebra.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MOSTEC Machine Learning, Science Writing

Took college-level courses in machine learning and science writing. Wrote research papers on using bacteriophages as alternatives to antibiotics.

Attended week-long conference at MIT and presented a research project on the correlation between economic disparity and standardized test scores in Massachusetts Public Schools.