

[REDACTED]
2938 Macomb Street NW, Washington DC 20008
[REDACTED]

EDUCATION

University of Virginia **Charlottesville, VA**
Intended Bachelor of Science in Computer Science **Class of 2021**
• **Courses:** Software Dev Methods, Differential Equations, Multivariable Calculus, Physics E&M

Maret School **Washington, DC**
High School **Class of 2017**
• **Courses:** BC Calculus, Linear Algebra, AP Computer Science A, Physics C: Mechanics

WORK & LEADERSHIP EXPERIENCE

National Institute of Standards and Technology (NIST) **Gaithersburg, MD**
Intern, Multimodal Information Group **July 2016 – Aug 2016**
• Helped to clean and organize traffic data for use in the group's pilot data science evaluation.
• Created an algorithm to match video segments from traffic cameras to specific traffic incidents from millions of police records.
• Gained proficiency in R and ggplot2.

Maret Engineering Team **Washington, DC**
CEO, Lead Software Engineer, Programmer **Sept 2013 – June 2017**
• Designed and built an underwater remotely operated vehicle (ROV) to compete in the annual MATE competition (<https://www.marinetech.org/rov-competition-2>).
• During my year as CEO, the team finished in fifth place out of 25 teams, including receiving an award for the best presentation, which I organized and led.
• Wrote the code to communicate between the Mac, Xbox controller and on-board Arduino over serial using Processing and C.

Maret Math Team **Washington, DC**
Co-Captain **Sept 2016 – June 2017**
• Competed in the Arete math competition against other schools across the country (https://aretelabs.com/math_madness) and led club as we explored various math topics.
• Led the Maret team to its first winning season.

Cleveland Park Valet, Dry Cleaner **Washington, DC**
Counterperson **June 2015 – Aug 2017**
• Handled incoming dry cleaning and pickup.
• Handled register and made duplicate door keys for customers.
• Opened and closed store when owner unavailable.

SKILLS & ACTIVITIES

Software: Java, C++, Python, R, Processing, C, Matlab, MS Excel and Mathematica

Activities: Virginia Men's Rowing, HS Varsity Soccer and Lacrosse

Honors: Top AMC score at Maret for two years (<https://www.maa.org/math-competitions/amc-1012>), US Physics Olympiad Semi-finalist (<https://www.aapt.org/physicsteam/2018>)