Matthew Wong
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EDUCATION

College: University of Maryland, College Park	**Cumulative GPA: 4.000**

- Computer Science and Math B.S., Expected Graduation: May 2020

COLLEGE ACCOMPLISMENTS

Dean's List	**Fall 2016-Fall 2017**
Programmed own website and learned front-end web development	**Summer 2017**

- Programmed my entire website from scratch, having no prior experience
- Self-taught HTML, CSS, JavaScript, and jQuery

1st Place Team in UMD iSchool Open Data Hackathon   **Fall 2016**

- Given a set of water contamination data in Maryland, I worked in a team of 4 to visualize the data on a website using HTML, CSS, and jQuery

WORK EXPERIENCE

Teaching Fellow for Introduction to Flight Systems Class (ENAE380)   **Fall 2017**

- Graded projects and taught labs in C++ programming language to Aerospace Engineers
- Discussed code dealing with CPU timing, Endian Swapping, UDP, Pipes, Orbital Elements, Rotation Matrices, Two Line Elements, and Accelerometers

HIGH SCHOOL ACCOMPLISHMENTS

Engineering Innovation and Design Class Award   **Spring 2016**

- #1 student in Engineering Innovation and Design Class

Built a 3-D LED cube in class using Arduino hardware and C programming   **Spring 2016**

- Learned to work with LED lights and Arduino and Programmed with C and made simple patterns on the cube

Created a betting game on MIT scratch website   **Fall 2015**

- First project built while learning programming in school (scratch.mit.edu/projects/89911232/)

Johns Hopkins Engineering Innovation Program   **Summer 2014**

- Did research projects, worked with building spaghetti bridges, and learned margin of error calculus; Earned 3 credits from Hopkins

ACTIVITIES

Part of UMD Quartet   **Fall 2017-Present**

- Played different songs from all different types of composers as a violinist

Member of UMD Green Terps   **Fall 2017-Present**
Primannum Honor Society   **Fall 2016-Present**
Volunteer at NYC Food Bank   **Summer 2016**

- Helped serve food to homeless in NYC

Cross Country Captain   **Fall 2015**
Concert Master of High School Orchestra   **Fall 2015**

ADDITIONAL SKILLS

- Fluent in Java, C, HTML, CSS, JavaScript, C++
- In progress of mastering jQuery, Ruby, Ocaml
- Knowledge of UNIX, MIPS CPU Assembly, Microsoft Office
- Basic understanding of Mac and Windows software and hardware