

Steven Queen

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EDUCATION

University of Maryland, College Park - *B.S. Computer Engineering*

Expected May 2023

- GPA: 3.76
- Honors College: Gemstone Research Program
- Banneker/Key Full tuition Scholarship: Aug 2019 - present
- Dean's List: Fall 2019

SKILLS

Software

- Java, Python, Git, and C

Hardware

- Linux, Arduino, Fusion 360, and SolidWorks

EXPERIENCE

Balloon Payload Program, College Park - *SATRN Payload*

November 2019 - Present

- Development of payload designed for remote and reliable release of other payloads while on high altitude balloons
- Designed the CAD for 3D printing of the release mechanism and the protective housing

Terrapin Rocket Club, College Park - *Integration Team*

August 2019 - Present

- Provided frontend interface for data collected from test stand burns and flights
- Developed GUI with JavaFX to create an accessible real time representation of data.

3D Printer Construction - *Individual Project*

May 2018 - Present

- Built, wired, and troubleshoot a 3D printer from a prefabricated set.
- Troubleshooting the design required carefully reconstructing deformed parts, calibrating axes, deconstructing the extruder, and rewriting software for the motor controls.

SafeWay, Eldersburg MD - *Grocery Clerk*

October 2018 - August 2019

- Worked in multiple positions, starting as Courtesy Clerk, before being promoted to Cashier, and then Self-Checkout Clerk.
- Interacted with 300+ customers weekly and balanced 20-30 hr/week job with school

COMMUNITY SERVICE

Peer Tutoring Program, Liberty High School - *Tutor*

August 2017 - May 2019

- Worked bi-weekly with High School students to tutor them in English, Science, German, and Math classes.