**Benjamin Cohen** Silver Spring, MD | 301-525-3064 | [bscohen06@gmail.com](mailto:bscohen06@gmail.com) |

**SUMMARY**

Highly motivated rising 11th grade high school student with aspirations to work in Cyber Security or Aerospace Engineering

**EDUCATION**

**Wheaton High School**, Silver Spring, Maryland *Class of 2025*

* Application only Engineering Magnet Program with Technology and Engineering- based curriculum
* GPA: 3.9 unweighted, 4.6 weighted

**University of Maryland Terps Young Scholars Program** *Summer 2022*

* HTML, CSS, and Javascript - Grade: A (3 college credits)

**Rochester Institute of Technology- Project Lead the Way** *2021*

* Principles of Engineering - Grade: B (3 college credits)

**ACTIVITIES & VOLUNTEER WORK**

**Lead, Avionics Team**, [SilverSat](https://silversat.org/) | Silver Spring, MD *2018 – Present*

* Part of team building cube satellite scheduled to launch as auxiliary payload in 2025. The CubeSat is designed to take photos of Earth and post to social media
* Programs drivers and code for the Avionics board to interface with other CubeSat systems
* Presentation on behalf of Silver Sat at the Maryland Space Business Roundtable to help secure grant funding and to NASA to present part of the CubeSat feasibility review

**Senior Patrol Leader,** Boy Scout Troop 209, Silver Spring, MD *2018 – Present*

* Currently Life rank, on track to Eagle Scout by summer 2024
* Leads weekly meetings, mentors younger scouts, helps to organize camping trips, previously served as Assistant Senior Patrol Leader and Quartermaster

**KID Museum Summer Counselor**, Bethesda, MD *June – August 2022*

* As part of apprentice program, worked as a summer counselor for educational makerspace themed camps

**Army Educational Outreach Program (AEOP) Summer Apprenticeship Program** *Summer 2020*

* Completed the AEOP High School Apprenticeship Program as rising 8th grader

**Volunteer Activities** *2017 – Present*

* Tutored middle school students in math through Quaranteen Tutors, made sandwiches and distributed food for Small Things Matters, serves meals at Shepherd’s Table homeless shelter, packs boxes at Manna
* Participated in family fundraising efforts for A is for Africa and traveled to Arusha, Tanzania in summer 2018 to volunteer at Matim Primary School in classrooms and assisted in setting up computer lab.

**SKILLS**

* Completed Cyber Security programming class at John Hopkins Applied Physics Lab (APL) – online class
* Coding – Python 3, Arduino, C++, C#, HTML/CSS/JS, Java
* Other software – Fusion360, Inventor, Systems Tool Kit (STK), Blender

**ACHIEVEMENTS & AWARDS**

* Interviewed by software company-AGI: [AGI: This Middle-Schooler Can Use STK Better Than You](https://www.agi.com/blog/2021/08/silversat-cubesat-launch-initiative)
* Superintendent’s SSL Award (Student Service Learning) in 8th grade, already met accomplishments for Certificate of Meritorious Service Hours (awarded at high school graduation)
* National Junior Honor Society; will apply for Honor Society this upcoming school year