

Kevin Kyle

Cambridge, MD | 443-205-2841 | kevinkyle314@gmail.com | [linkedin.com/in/the-kevin-kyle](https://www.linkedin.com/in/the-kevin-kyle)

EDUCATION

University of Maryland, College Park, MD
B.S., Aerospace Engineering

Expected May 2026
Cumulative GPA: 3.92

TECHNICAL EXPERIENCE

- SEDS, Thermals Sub-Team Member** College Park, MD | Aug. 2023 – Present
- Works with thermal fluids professor and peers to iterate design of an aluminum PCM unit for n-Eicosane
- Terrapin Rocket Team, Solids Sub-Team Member** College Park, MD | Dec. 2022 – Present
- Developed, manufactured, and successfully launched 2,000+ ft L1 Rocket, resulting in L1 Certification
 - Designs carbon-fiber rocket fins with heat-resistant, steel leading edge for Mach 3, 32,000 ft team rocket
 - Devised L1 Rocket Design guide to facilitate the rocket creation process for novice team members
- Truss Design Project, Force Calculation Team Lead** College Park, MD | Jan. - May 2023
- Calculated theoretical internal, shear, and buckling force calculations on a 9 member truss with an external force
 - Utilized both additive and subtractive tools such as a bandsaw and epoxy to construct pre-designed truss
- Metaverse Policy Memo, Co-Lead Researcher** College Park, MD | Jan. - May 2023
- Researched metaverse and formulated ethical regulations to guide development of the industry
 - Analyzed the impact of innovative VR technologies on varying stakeholders and society as a whole
 - Presented metaverse policy memo to peers, addressing ethical concerns surrounding the metaverse
- Over Terrain Vehicle Project, Leader of Programming and Electronics Sub-teams** College Park, MD | Sept. - Dec. 2022
- Collaborated alongside 6 other group members, communicated with other sub teams to develop a motorized vehicle
 - Utilized C++ to successfully program vehicle to traverse obstacles in an arena and complete mission objectives
 - Developed circuit schematic, calculated voltage requirements, and oversaw wiring of OTV electronics
- Surface Oil Flow Visualization Project** College Park, MD | Sept. - Dec. 2022
- Constructed a model airplane and recreated realistic aerodynamic flow using a white mixture in the wind tunnel
 - Analyzed aerodynamic factors such as vortexes, flow separation, and plane model oscillation
 - Learned different ways of representing airflow, such as tufts and mixture testing

WORK EXPERIENCE

- Demolition & Construction, Team Lead** Cambridge, MD | May 2023 - Present
- Supervised demolition team in the initial stage of house renovation, removed 5+ tons of debris
 - Completed demolition and reconstruction of pool deck utilizing sledgehammer, drill, hammer, reciprocating blade
 - Installed 50+ panels of drywall for walls & ceiling
- Engineering-IT Department, IT Technician** College Park, MD | Feb. - May 2023
- Provided excellent customer service to over 20+ phone calls each week regarding technical issues on campus
 - Completed 5+ computer refreshes every 2 weeks, safely transferring over 600 GB of user data
 - Responded to over 100+ tickets weekly, aiding questions and computer difficulties with haste and politeness
- Blue Ruin, Food Prep & Dishwasher** Cambridge, MD | Jun. 2021 - Aug. 2023
- Emily's Produce LLC, Inventory Manager | Stocker | Handyman** Cambridge, MD | Mar. 2020 - Jan 2022

LEADERSHIP EXPERIENCE

- Key Club International, President** Easton, MD | Aug. 2018 - May 2022
- Coordinated "Walk for the "WELL" of it!", a run/walk 5K that raised over \$21,000 for Lifetime Wells International
 - Orchestrated in-school, socially distant talent show that was broadcasted to the local community during the pandemic
 - Devised "Service-in-a-Box" outreach program to create 50+ care-packages for nursing homes amidst lockdowns

SKILLS

SOFTWARE: C++, MATLAB, Python, OpenRocket, Visual Studio Code, Google Colab, Unity, Blender

TECHNICAL: Soldering, Band Saw, Reciprocating Saw, Drill, Dremel, Belt Sander