

# Charlie Apolinsky

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## Education

**Bowdoin College**, Brunswick, ME

**Expected Graduation: June 2026**

**Bachelors of Arts**, Double Major in Computer Science and Physics

**GPA:** 4.00/4.00

*Relevant Coursework:* Algorithms, Software Engineering, Data Structures, Linear Algebra, Ordinary Differential Equations, Engineering Physics, E-Fields and Circuits, Methods of Experimental Physics.

*Awards & Honors:* 2022-23: Dean's List, Sarah and James Bowdoin Scholar Book Award (Awarded to students who earn a 4.00 GPA)

**Concord Academy**, Concord, MA

**Graduated: June 2022**

**GPA:** 3.92/4.00

*Activities and Leadership:* Head of Concord Academy Science Club, Residential Administrator, Disciplinary Committee member, Head Tour Guide, Math Club member, Varsity Soccer (captain Senior), Varsity Sailing (captain Junior, Senior), Varsity Squash.

## Work Experience

**Maritime Applied Physics Corporation**, Brunswick, ME

**Summer 2023**

*Level 2 Engineering Intern*

- Designed and modeled components for a variety of projects for the U.S. Navy and Defense Advanced Research Projects Agency (DARPA) using SolidWorks.
- Practiced skills of quality assurance and Microsoft excel through solely managing the organization and creation of 200+ page Government Source Inspections packages.
- Worked in the assembly shop and developed a variety of hands-on technical skills.

**Southport Yacht Club**, Southport, ME

**Summer 2018 - 2022**

*Keelboat Program Manager and Optimist Racing Head Coach*

- Developed a curriculum to teach a group of 15 advanced sailors aged 12-15 to competitively race large keelboats and communicated with parents, yacht club director and commodore to obtain funding and schedule training sessions.
- Led nightly practices and raced as an onboard coach with a team of students in 7 regattas with fleets of 50+ boats including professional and collegiate sailors.
- Taught sailing to 40 campers aged 7-13 through immersive one-on-one instruction and was recognized with the 2022 Instructor of the Year Award for my outstanding work in developing the Optimist racers.

**Bowdoin College Economics Department**, Brunswick, ME

**August 2023 - Present**

*Economics Learning Assistant and Grader*

- Organize and lead weekly tutoring sessions in Microeconomics for a regular group of 10+ attendees; work with struggling students and provide personal one-on-one instruction.
- Personally selected for the position by the professor due to my passion and curiosity in the classroom as well as my demonstrated ability to understand economics and communicate the material clearly.

**CXD and LEGO Group Quickfire Challenge**, Brunswick, ME

**August 2023**

- Generated new product concepts and communication strategies aimed at the growing adult market segment as a member of a team of students.
- Presented solutions to industry leaders, including the global SVP of Marketing for the LEGO Group.

## Activities

**Brunswick High School Transition Program**, Brunswick, ME

**August 2023 - Present**

*Mentor and Primary Organizer*

- Launched a program to connect High School students with developmental disabilities with college volunteers to form meaningful friendships.
- Coordinated community events, scheduled weekly trips to the school, and volunteered as a mentor for the students.

**Concord Academy Robotics Club**, Concord, MA

**September 2019 - May 2022**

*Co-founder and Co-Head*

- Fundraised over \$5,000 to create a new club where students of all backgrounds could learn to build and program Vex robots.
- Lead weekly lessons on coding (C++ and Vexcode) and design, brought in experts to speak about the field of robotics, and increased club membership to 15+ through creative monthly competitions.

## Relevant Skills

**Technical Skills:** Proficient in Python, Java, MATLAB and R, SolidWorks, Microsoft Excel, Powerpoint, Google Suite, Photoshop