

Sam Keamy

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EDUCATION

Boston University, Boston, MA

September 2023 – Present

GPA: N/A

Phillips Academy Andover, Andover, MA

September 2019 – June 2023

GPA: 5.75/6.0

GPA (science and math courses): 5.95/6.0

Honors & Awards: Graduated Cum Laude from Phillips Academy (2023), Maynard Prize for Excellence in Analytic Geometry and Calculus (2023), Abbot Academy Fund Grant (2021), HackNEHS Environmental Award Winner (2019)

SAT Score: Math (790) / Reading & Writing (760)

AP Testing: Chemistry (5); BC Calculus (5); Physics C: Mechanics (5); Physics C: E&M (5); Computer Science A (5)

EXPERIENCE

Kaleidoscope Kids | *Teacher's Aide*, Andover, MA

July 2023

- Worked in various classes with students between the ages of six and eleven. Responsibilities included watching over students, preparing the classroom for lessons and activities, leading groups in such activities, communicating with the main office, and classroom clean-up.

Phillips Academy Robotics Club | *Co-Captain*, Andover, MA

September 2019 – June 2023

- Participated in VEX Robotics competitions since 2019 and created FIRST Club in spring 2022, current co-president of VEX and co-software lead of FIRST.

Phillips Academy VR Club | *Co-President*, Andover, MA

Spring 2021 – June 2023

- Established the VR Club with a grant from the Abbot Academy Fund. Train new users of VR technology and hold weekly meetings.

Phillips Academy NEST Makerspace | *Makerspace Guide*, Andover, MA

December 2021 – June 2023

- Volunteer in the Makerspace, assisting peers who are utilizing the Makerspace. This includes 3D printing, laser cutting, robotics, and design.

Phillips Academy Academy Skills Center | *Peer Tutor*, Andover, MA

September 2020 – June 2023

- Academic tutor in biology and chemistry. Working with students at a minimum weekly for one hour each.

PROJECTS

Robot Competing in FTC Powerplay

September 2022 – May 2023

- Robot Design, programming in Java, and simple object detection in TensorFlow.

Window Cleaning Drone

February 2019 – 2022

- Electronics and CAD of drone intended for window cleaning. Includes work with Raspberry Pi, motors, sensors, etc.

Independent Video Game Development

July 2022 – February 2023

- Programming lead and game designer of 2D platformer developed in Unity with C#.

SKILLS

Technical: Soldering, CAD (Fusion 360 and Solidworks), Rapid Prototyping, 3D Printing, Laser Cutting

Programming Languages: C#, Java, Python

Languages: 4+ Years of High School Spanish