

ALEXANDER CAVOLI

Harwinton, CT 06791 | (860) 299-4995 | cavola@rpi.edu

Rensselaer Polytechnic Institute — B.S. Computer Science & Mathematics, Class of 2028

GPA: 3.92 | Dean's Honors List

EDUCATION

Rensselaer Polytechnic Institute (RPI) — Troy, NY

B.S. Computer Science & Mathematics | GPA: 3.92 | Dean's Honors List (2024 – Present)

Lewis Mills High School — Burlington, CT | Class of 2024

GPA: 4.32 | National Honor Society (2023 – 2024) | Academic High Honor Roll (2020 – 2024)

TECHNICAL SKILLS

Languages: C++, Python, C, HTML/CSS, JavaScript, SQL

Tools: Git, Linux, Visual Studio Code, REST API Development, CloudVision Platform

Interests: Systems Programming, AI Integration, Web Development, Cybersecurity

EXPERIENCE

Arista Networks — Remote Internship (Paid) | June 2024 – Aug 2024

CloudVision Portal Team Intern

- Rebuilt and modernized legacy API integrations for CloudVision portal.
- Enhanced internal tool functionality to improve data flow and system reliability.
- Collaborated with senior developers to test and deploy features used in production environments.

Lifeguard — Lakeridge Residential Resort & West Hill Beach Club | Torrington & New Hartford, CT
Summers 2022 – 2023

- Ensured safety of swimmers and enforced facility rules.
- Performed daily site inspections and responded to emergencies with first aid and incident reports.
- Recognized for consistent reliability and attention to detail in a high responsibility environment.

PROJECTS & DEVELOPMENT

Independent Coding (2018 – Present)

- Continuously developing proficiency in C++ and Python through personal projects and API work.
- Built web applications focusing on automation and data processing.

STEM Camps — Computer & Science Focus (July 2019)

- Designed simple automation scripts in Python.
- Built a custom computer and learned foundations of hardware/software integration.

LEADERSHIP & ACTIVITIES

- Hack RPI 2024 (Team Lead)
- RPISEC Club member (Computer security club)
- RPI Chess Club Member