Ollie Arrison

Portfolio Website: https://github.com/olliearrison.io/
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EDUCATION: Carnegie Mellon University, School of Computer Science, Pittsburgh PA

BS, Computer Science with a concentration in Computer Graphics. Expected Graduation: May 2026.
Cumulative GPA: 3.53
Relevant Classes: Data Structures and Algorithms (15-122 and 15-210), Computer Graphics (15-362), Natural Language Processing (11-411)

SKILLS:

Languages: Python, C, C++, Javascript, SML, Dart   Tools: ProCreate, Blender

WORK EXPERIENCE:

Teacher's Assistant: Fundamentals of Programming and Computer Science (2023 and 2024) -
- Teaching: Led recitations with 25 students, emphasizing hands-on learning through live coding demonstrations of key concepts.
- Grading: Evaluated and graded assignments, providing constructive feedback to enhance students' understanding and coding skills.
- Project Supervision: Mentored and supervised 8 students through the completion of their term projects, offering guidance on design and implementation.

PROJECTS:

ProCreate112 (2022) - Won the 15-112 showcase, standing out among approximately 500 students. Developed a comprehensive digital art application as a term project, mirroring the functionalities of the ProCreate software.

Summer Undergraduate Research Apprenticeship (2023) - As part of the Summer Undergraduate Research Apprenticeship, created an application to improve hybrid animation techniques. Used JavaScript, harnessing its capabilities to create robust animation functionalities.

AWARDS AND HONORS:

- 1st Mock Trial Maine (2021)
- National Cyber Scholar (2021), 1st CyberStart Maine (2019 and 2020)
- 20th Nationals Junior Duck Stamp Contest -- National Wildlife Refuge (2019)

ACTIVITIES:

Art: Acquired proficiency in Blender and Procreate, applying these skills to various personal and academic projects.

Rock Climbing: Engage in regular sessions, emphasizing teamwork and determination.

Origami Club: Collaborate with club members on complex designs, honing precision and attention to detail.

Co-President Girls in Engineering, Math, and Science (2018-2021)

Founder and President of Coding Club (2019-2021)