

Ollie Arrison

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<https://github.com/olliearrison>

EDUCATION

Carnegie Mellon University, School of Computer Science, Pittsburgh PA

BS, Computer Science, May 2026, Cumulative GPA: 3.67

SKILLS

Python, C, Javascript, SML, Dart

Blender, ProCreate

WORK EXPERIENCE

Teacher's Assistant: Fundamentals of Programming and Computer Science (15-112)

- Led Recitations: Conducted sessions with 25 students, emphasizing hands-on learning through live coding demonstrations of key concepts.
- Grading & Assessment: 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 - Project Demo Link: <https://olliearrison.github.io/>

ProCreate112 - 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. Utilized Python to build the application, emphasizing the importance of a user-friendly interface and efficient backend processes.

SURA - Summer Undergraduate Research Apprenticeship

As part of the Summer Undergraduate Research Apprenticeship, embarked on a project 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 Junior Duck Stamp Contest Nationals -- National Wildlife Refuge (2019)

ACTIVITIES/INTERESTS

Art: Acquired proficiency in Blender and Procreate, applying these skills to various personal and academic projects. **Animation and Computer Graphics Club:** Actively participate in club activities, collaborating on projects and sharing knowledge on animation techniques.

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)