

# Ollie Arrison

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

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*BS, Computer Science* with a concentration in Computer Graphics. Expected Graduation: May 2026

Cumulative GPA: 3.53

Relevant Classes: Computer Graphics (15-362), Computer Systems (15-213), Data Structures and Algorithms (15-122 and 15-210), Natural Language Processing (11-411)

## PROGRAMMING LANGUAGES:

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Python, C++, C, JavaScript, SML, Dart

## PROJECTS:

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

**Hybrid Animation Application** (2023) - As part of the Summer Undergraduate Research Apprenticeship, designed an application to more efficiently create 2D line art in a 3D space using JavaScript and ThreeJS

## WORK EXPERIENCE:

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**Teacher's Assistant: Fundamentals of Programming and Computer Science** (2023 and 2024) -

- Teaching: Led 25-student recitations with live coding demos
- Mentoring: Supervised 8 students through the completion of their term projects, offering guidance on design and implementation
- Grading: Evaluated and graded assignments, providing constructive feedback to enhance students' understanding and coding skills

## AWARDS AND HONORS:

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- 1st Mock Trial Maine (2021)
- National Cyber Scholar, placed top 10% nationally (2021), 1st CyberStart Maine (2019 and 2020)
- 20th Nationals Junior Duck Stamp Contest - National Wildlife Refuge (2019)

## ACTIVITIES:

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**President of Masters of Flying Objects** (2024): Managed and expanded CMU's juggling club, fostering a community for juggling enthusiasts through events and training sessions

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

**Founder and President of Coding Club** (2019-2021)

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

**Other:** Rock Climbing, Sailing, Tricking