

# Aidan Foley

139 Pine Tree Rd, Ithaca NY 14850 (607) 882-4144 aidan.t.foley@gmail.com  
<https://github.com/AidanF86> <https://aidanf86.github.io>

## Technical Skills

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### Programming Languages

C/C++, Java, Kotlin, Python, Bash, PHP, MIPS Assembly, JavaScript

### Libraries, APIs, & Programs

OpenGL, SDL2, Raylib, Unix, Win32, WPILIB, Unity3D, ReactJS, Rails

### Specializations

Application, graphics, & game programming in C/C++

## Experience

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### Part-Time Web Programmer

2021-2022

*Gorges Inc.*

- Full-stack web application development, used numerous web frameworks and database software and worked with various clients

### Freelance Work

2022-2023

- Created verb translation program front-end for the Algonquian Language Revitalization Program

### Programming Lead

2019-2020

*FRC Team 639 Code Red Robotics*

- Led programming team in creating and coordinating robot-controlling code
- Tele-operated user control with HID-compliant controllers
- Automatic actions, including target alignment using a computer vision system using OpenCV and complete autonomous movement during the auto-period of a match

## Education

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SUNY Stony Brook - B.S. Computer Science

Anticipated Graduation May 2024

## Recognitions

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SUNY Presidential Scholarship

2020-2024

3rd Place, TSA National Video Game Design Competition

2019