

Aidan Foley

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<https://github.com/AidanF86>

Technical Skills

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

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

SUNY Stony Brook

Anticipated Graduation May 2024

Recognitions

SUNY Presidential Scholarship

2020-2024

3rd Place, TSA National Video Game Design Competition

2019