11 Mountain View Drive
Hudson, NH 03051
(603) 809-3265
rjwhitenh@outlook.com
www.armedturret.com

Robert James White

SKILLS

Knows Object-Oriented Programming, Git Version Control, JIRA, Robotics, C, C++, C#, Java, HTML, CSS, JavaScript, SQL, Node.js, GLSL, Python, and the Unity Engine. Fluent in Romanian.

EXPERIENCE

Collins Aerospace, Cedar Rapids, IA – *Software Engineering Intern*

May 2023 - August 2023

- Assisted in development of embedded programs with C++, OpenGL, and proprietary tools

Bad Byte Games, Hudson, NH — *President*

November 2020 - Present

- Developed the co-op horror game "IT Simulator" using Photon, Unity, C#, and various other game development tools such as blender. IT Simulator currency has a 90% positive review rating on Steam.
- Currently developing the game "Deepspace Dredgers".

RIT Game Dev Club, Rochester, NY — *Cabinet Member*

March 2023 - Present

- Assisted in the organization of club meetings and presentations

FIRST Robotics Team Phoenix 2342, Nashua, NH — *President + Software Subteam Leader*

September 2017 - May 2022

- Managed training of new members by creating a unique project-based lesson plan. Oversaw robot code development during the competition season. Communicates with other subteams to organize building the robot. Utilized C, C++, Java, and wpilib.

MIT – Beaver Works Summer Institute AUV Challenge, Cambridge, MA — *Participant*

July 2021 - August 2021

- Took required coursework in the spring

- Worked in a team over 4 weeks to program an Autonomous Underwater Vehicle using python which was then tested at the end of the program.

- Presented on process at the end

BAE Systems – FOCUS Program, Nashua, NH — *Participant*

September 2018 - December 2018

- Worked in a team over the course of 10 weeks to design and implement a small-scale robot to overcome a challenge. At the end, presented a project report similar to the process of fulfilling a contract in a real situation.

EDUCATION

Rochester Institute of Technology, Rochester, NY

August 2022 - Present

GPA: 4.0

Major in Computer Science

Relevant Coursework: Computer Science for AP Students, Mechanics of Programming, Computer Science Theory, Discrete Math, Probability and Statistics, Linear Algebra, Calc BC

Academy for Science and Design, Nashua, NH

September 2018 - May 2022

GPA: 4.3

SAT: 1510

AWARDS

- RGDC Spring 2023 Game Jam - Best Overall
- RGDC Fall 2022 Game Jam - Best Overall
- Innovation Award for Senior Capstone Project
- National Merit Scholar Finalist
- Member of Team that won the New Hampshire Governor's Cup (2019)