George Johnson

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Experience

Robot Revolution, Summit, NJ

Robotics Instructor: *June 2020 - Present*

- Created and taught remote learning courses on intermediate and advanced programming and control systems for high school students.
- Balance instructional work and software development work building a backend to connect class registration, student/parent databases, and instructor attendance tools.
- Supervise and guide students during open workshop activities. Advise on design techniques, game strategies, and build execution.

Education

University of Colorado Boulder, Boulder, CO

Bachelor of Science (B.S) Computer Science Candidate: Expected graduation May 2024

Relevant Completed Coursework:

- CSCI 3308 - Software Development Methods and Tools
- CSCI 2400 - Computer Systems
- CSCI 2275 - Data Structures

Additional Skills

- Team Collaboration with Git and Agile
- Full Stack Web Development
- Debugging with Browser Tools, GDB, Assertion, and Printing/Logging
- Familiarity with frameworks and databases including Node.JS, Django, Firebase Auth, Firebase Firestore, and PostgreSQL
- Understanding of low level computer systems, C/C++ memory manipulation, and assembly analysis
- Exposure to Ghidra and binary reverse engineering

Activities/Hobbies

- BUFF - University of Colorado Boulder - VEXU Robotics Competition: *2021 - Present*
- Mamabird Club Ultimate - Ultimate Frisbee: *2021 - Present*
- Columbia High School - Division I - Ultimate Frisbee: *2017-2020*
- Third Degree - World Qualifying - Vex Robotics Competition Team: *2015-2020*