Nicholas Wade

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EDUCATION

Purdue University West Lafayette, IN
B.S Computer Science, Cert. Entrepreneurship *Aug. 2021*

PROJECTS

Vex Robotics AI Competition | *Python, C#, Linux, Unity 3D* August 2021 – Present
- Developed an artificial intelligence reinforcement learning model for a robot to compete in the Vex Robotics competition
- Creating a virtual simulation in Unity 3D in order to train the reinforcement model in an efficient way with visualized data
- Established a connection between a Vex Robotics brain and a NVIDIA Jetson. The brain collects the observations that need to be inputed into the neural network, relays that data to the Jetson to compute an output to relay back to the brain to control the robot
- Detailed documentation of the project with a plan to write a technical paper along with Github to track progess

Purdue Case Competitions | *Presentation, Market Research, Public Speaking* Mar 2022 - Present
- Businesses present "cases", business problems, and teams of 4 students come up with a solution and pitch their idea to a panel of judges
- Zimmer Biomet Case Competition - 3rd Place
  "Should Zimmer decrease dependancy on elective medical procedures"

EXPERIENCE

Administrative Assistant - Part Time Apr 2021 - Dec 2021
Pluto Proxies LLC *Remote/Online*
- Provided internet proxies to people in the sneaker reselling industry.
- Ran the business through the Discord^{TM} communication platform
- Developed a website with landing page to bring in new customers
- Helped facilitate deals between other companies in the sneaker reselling industry to capture each others customers

Retail Cashier - Part Time Summers 2020 & 2021
Great Glen/Mount Washington Auto Road *Gorham, NH*
- Cashier at a gift shop with thousands of customers daily
- Often worked restocking 2-3 different gift shops daily
- Provided help and information on the auto road to customers

Ticket Inspector - Part Time Dec 2018 - Apr 2019
Wildcat Ski Mountain - Vail Resorts *Gorham, NH*
- Scanned thousands of tickets daily to ensure people getting onto chairlifts were holding the proper tickets and passes
- Often worked shovelling and moving snow around the mountain

TECHNICAL SKILLS

Languages: Java, Python, C, C#
Developer Tools: Git, Unity 3D, Discord, VS Code, IntelliJ, VIM, Linux

LEADERSHIP

Youth Leadership Through Adventure August 2016 - June 2021
Y.L.T.A *Coos County, NH*
- Ran 2 2-3 night conferences a year to a total of 600+ middle school and high school students.
- Planned conferences with guest speakers, team building, drug prevention, and school climate activities
- Led groups of 10+ students in all of the above activities in a more personal way