Paul Rodriguez

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EDUCATION

Case Western Reserve University | Cleveland, OH   Anticipated Graduation: May 2022
Candidate for Bachelor of Science in Computer Science
Major: Computer Science | **GPA**: 3.11

WORK EXPERIENCE

Research Assistant | **CWRU** | Cleveland, OH   June 2020 – Present
- Programming in Python-Django, JS, and HTML/CSS to build an informative website on partner violence
- Includes a survey where users can see how they compared to other people who have take the survey and includes easy to understand visuals
- Built algorithm to determine what questions the user would get next in the survey
- Collaborated with partner using GitHub
- Meet professors over Zoom weekly to give clear updates on the progress

Access Greeter |**Farm & Wilderness Foundation** | Plymouth, VT   May 2020 – August 2020
- Greeted visitors coming to Woodward Reservoir.
- Informed them about the reservoir and checked/cleaned their watercraft to make sure no invasive species got into the reservoir.
- Enforced the

Intern | **Draper** | Cambridge, MA   June 2017 - Aug 2017
- Designed and programmed a guidance and communication algorithm for supply drops to be used by military or disaster relief missions
- Learned MatLab on the job and used it to create both the algorithm and a simulation of a drop
- Worked closely with a partner and solicited the expertise of other colleagues
- Prepared and delivered a final presentation

ACCOMPLISHMENTS

Winner of HackCWRU   February 2020
- Collaborated with two other students to develop a web application, RelApps, that collects and analyzes health data to predict a recovering addict's real-time risk of a relapse
- Included an application then alerts a pre-selected support network and encourages its members to reach out to the user

Presidential Scholarship   May 2018 - Present
- Received for "Recognizing outstanding academic and personal achievement among first-year applicants"

RELATED COURSES

Engineering Courses   August 2018 – Present
- Intro to Java, Data Science, Chemistry for Materials, Logic Design & Computer Organization, Intro to Operating Systems, Linear Algebra, Intro to Computer Game Design, Chemistry for Engineering, Kinematics, Electricity & Magnetism, Calculus II and III, Discrete Mathematics, Software Engineering, Embedded Systems, Algorithms, Probability for Engineers.

SKILLS

Software: Python, Django, Flask, Java, Ruby, HTML/CSS, GitHub, Linux, Bash, Raspberry Pi, Arduino, SolidWorks