David Rowson

Current Address: davidfr333@vt.edu **Permanent Address:**
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Blacksburg, VA 24060. Chantilly, VA 20151

EDUCATION

Virginia Tech, Blacksburg, VA
Major: **B.S., Computer Science** Expected Graduation: **May, 2023**
Overall GPA: **3.859**/4.00

WORK EXPERIENCE

Software Developer, *Leidos* May- August 2022
- Worked on the GEOAxIS website
- Build/ fixed React components

Co-Op Engineer, *Peraton* August-December 2021
- Worked on the front end and back end for an internal research project
- Bug tested the project extensively

System Integration Intern, *Leidos* May- August 2021
- Helped manage internal servers and certificates
- Built part of the internal website

Networking Aid, Fairfax Water May- August 2020
- Helped manage the Fairfax water network
- Made python programs to monitor networks

VOLUNTEER EXPERIENCE

Defense News Conference, *Chantilly Robotics Team 612* December 2019
- Served as an ambassador for '*FIRST* Robotics' with 600+ organizations participating
- Marketed the FIRST organization for funding

FIRST LEGO League Club, *Chantilly Robotics Team 612* August -May 2019
- Helped set up a Lego robotics club at Brookfield Elementary School

ACTIVITIES AND HONORS

Rocketry at Virginia Tech September 2019- May 2020
- Made drivers for solenoid and other rocket pieces using ROS
- Helped make a Python server to communicate to rocket

Chantilly Robotics August 2015- May 2019
- Programming captain for 2 years for a team of 100+ people
- Programmed in Java/C++/Python
- Competed against teams from across the world in the FIRST Championship
- Worked with people from many other departments to make a new robot each year

OTHER

CompTIA Network+ Certification May 2019
CompTIA A + Certification May 2016
Technical Skills:
- Proficient in Java, Python, C, C++, HTML, CSS, JavaScript, React, Git, and Git Terminal
- Experienced with the agile development cycle
- Linux proficiency

Personal Projects:
- Particle simulator in Unity https://tinyurl.com/yckunet9
- Ray Tracing program in Python https://tinyurl.com/mrb6x52v
- Google Photos Extension https://tinyurl.com/276rmtyk