

Steven Busby

(865)-317-3075

11100 Fox Brook Ln. Knoxville, TN

Physicist and Programmer

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Education

Virginia Polytechnic Institute Blacksburg, VA
Majors: Physics, Computer Science
GPA: 3.61
Anticipated Graduation: May 2022
Hardin Valley Academy Knoxville, TN
Graduated: May 2018

Experience

- Software Development Intern
 - Electric Power Research Institute Knoxville, TN (2018-2019)
 - Developed data recording and analysis software for home power grid systems in LabView and MODBUS.
 - Produced 3D models and parts for standards verification.
 - Information and Communication Technology Sector
- Physics Tutor
 - Self Employed Blacksburg, VA (2019-Present)

Awards and Activities

- Dean's List (Fall 2018, Spring 2019, Fall 2019)
- Orion Living Community (2018-Present)
 - Peer Mentor (2019-Present)
- FIRST Robotics Competition (2014-2018)
 - Scouting and Strategy Captain (2017-2018)
- Team Awards:
 - Chairman's Award, highest available honor; only team in Tennessee to win it.
- The Marching Virginians
 - Trombone Player (2018-Present)
- ERSTE Initiative German Exchange (Summer 2017)

Skills

- Programming Languages
 - NodeJS, SocketIO, Sequelize
 - HTML/CSS, JavaScript, Java, PHP, MySQL, LabView, MODBUS, Arduino, XML
 - Physics
 - Proficient in Kinematics, Electricity and Magnetism
 - Fundamental Knowledge of Relativity, Particle Physics, Quantum Physics and QIT
 - Web and App Development
 - Server and Database Integration
 - Music Theory and Composition
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