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Education

- 2015–2020 **Computer Engineering**, *Rochester Institute of Technology*, Rochester, NY, 3.68 GPA.
2011–2015 **Information Technology**, *Blackstone Valley Regional Vocational Technical HS*, Upton, MA.

Work Experience

- Summer 2016 **Handicraft Staff Member**, *Treasure Valley Scout Reservation*, Rutland, MA.
- o Instructed Boy Scouts in topics ranging from Animation to Electricity, including multiple STEM and trade oriented merit badges.
 - o Reduced expenses and carbon footprint by incorporating recycling and reuse into the handicraft program.

Projects

- Fall 2016 **Holographic Multiplayer Game**, www.wastevensv.com/projects/holo.
- o Made a holographic multiplayer game in which two players must cooperate to aim a launcher at floating cubes.
 - o Created program to visualize 3D surfaces on a reflective prism.
 - o Created software in C++ using OpenGL framework in order to render a simulated holographic object.
- Fall 2015 **Network Intercom**.
- o Created with members of the RIT Computer Science House.
 - o Used by members to broadcast messages to speaker systems on the dorm floor.
 - o Used Python's Twisted networking framework.
 - o Presented at the 2015 Rochester Mini Maker Faire.

Clubs and Leadership Experience

- 2015-Present **RIT Launch Initiative**, *Responsible Engineer for Flight Software*, Rochester, NY.
Member of a team of students working toward launching a high power rocket to an altitude of 10,000 feet. Responsible for developing communication system for collecting and distributing telemetry data across a network.
- 2015-Present **Computer Science House**, Rochester, NY.
Member of a student run technical organization with an emphasis on project based learning. Have produced multiple personal projects independently and in collaboration with other members.
- 2014-2015 **SkillsUSA Vocational Competition**, Upton, MA.
Ranked 5th place for Computer Programming at SkillsUSA 2015 National Championship. Competed based on technical knowledge and practical ability to rapidly develop Visual Basic applications.

Skills

- Python Built multiple applications using Python. Experience with Flask and Django web frameworks.
- Visual Basic Ranked 5th place on a national level at SkillsUSA in Visual Basic.
- CCENT Certified for entry-level Cisco networking, routing, and switching.
- Git Regularly work with Git for personal and group projects.
- Embedded Software Learning C, C++, and ARM assembly for embedded applications.