Joshua Booth

232 North 4th Street, McConnellsburg, PA 17233
Home Phone: (717) 485-5514 - Mobile Phone: (717) 494-6466
Email: boothjmail@gmail.com

Education:
- McConnellsburg High School - McConnellsburg PA; Graduating June 2018
- Shippensburg University, B.S. for Electrical Engineering; Graduating May 2022
- Fulton County Area Vocational Technical School's Computer Repair / Networking
- GPA: 3.96

Related Work Experience:
- Central Fulton School District Help Desk Technician
  - Managed and completed help desk tickets for the past 3 years, troubleshooting and fixing teachers' and students' school and home computers
    - Contact: Crystal Glee and Jason Carbaugh (contact information in references)
    - Address: 151 East Cherry Street, McConnellsburg Pennsylvania 17233
    - Hours: No pay 8/22/15 - 5/31/18
- United States Naval Research Lab SEAP Intern.
  - Worked on the "Tri-service Synthetic Biology Project" where I worked on a team using machine learning to identify promoter sequences and published a paper on the topic.
    - Contact: Trey Morris (contact information in references)
    - Address: 4555 Overlook Ave SW, Washington, DC 20375
    - Hours: 40 hours per week; ~$10.3/hour ($3,300 total stipend) 6/26/17 - 8/18/17
- Phone Repair Technician
  - Replaced/repaired components of varying models of phones over the past two years
    - Contact, address, and hours: N/A

Other Work Experience:
- Website Manager for Buchanan Trail Sporters LLC
- Agriculturalist
- Lawn Care Professional

Engineering Skills and Projects:
- Programmed serial communications using checksums between a Raspberry Pi and a specialized module for reading outputs of oil wells using C
- Setup a laser course for my brother's birthday involving IR sensors detecting breaks in laser pointers using Python
- Implemented home security using Raspberry Pi cameras to have motion detection and facial recognition using libraries in both Python and C++

Certifications/Achievements:
- CompTIA A+ Certified Service Technician
- OSHA Certified
- Eagle Scout
- Published Scientist
- Ranked 5th Nationally in SkillsUSA Competition for the Information Technology field
  - State champion and district winner in SkillsUSA Competition for the Information Technology field
- 2017 Pennsylvania State Track Meet 300m Hurdles Champion

References:
- *Joseph Meszaros* - Mission Development Department of the Space Systems Development Division of the Naval Center for Space Technology Directorate
    - Email: joseph.meszaros@nrl.navy.mil
- *Trey Morris* - Electronics Engineer, Space Systems Development Department, United States Naval Research Lab
    - Email: Trey.Morris@nrl.navy.mil
- *Crystal Glee* - Computer Repair/Networking Teacher, Network Administrator for McConnellsburg High School
    - Email: cglee@cfsd.info
- *Jason Carbaugh* - Network Administrator for McConnellsburg High School
    - Email: jcarbaugh@cfsd.info
- *Shelly McMullen* - McConnellsburg High School Guidance Counselor
    - Email: smcmullen@cfsd.info