

SHANE HAUGHT

100 BOWERS LN. MOUNT MORRIS, PA 15349

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EDUCATION

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| West Virginia University, Morgantown, WV | GPA 3.75 | 8/16 – Present |
| <ul style="list-style-type: none">▪ M.S. in Mechanical Engineering | | |
| West Virginia University, Morgantown, WV | GPA 3.83 | 1/14 – 5/16 |
| <ul style="list-style-type: none">▪ Graduated with a B.S. in Mechanical and Aerospace Engineering | | |
| West Virginia Junior College, Morgantown, WV | | 1/01 – 11/01 |
| <ul style="list-style-type: none">▪ Studied Information Technology in repairing, maintaining, and troubleshooting personal computers/networks | | |
| West Virginia University, Morgantown, WV | | 9/98 – 12/00 |
| <ul style="list-style-type: none">▪ Majored in Computer Science and Electrical Engineering | | |

WORK EXPERIENCE

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| WVU EcoCAR 3 Project | Morgantown, WV | 8/16 – Present |
| <i>Project Manager</i> | | |
| <ul style="list-style-type: none">▪ Planned and composed a budget for Year 4 of the project while working with local sponsors and vendors▪ Coordinated 5 sub-teams to have ample time to complete the desired work on the vehicle | | |
| <i>Innovation Team (as a member of WVU Applied Space Exploration Lab)</i> | | |
| <ul style="list-style-type: none">▪ Created an algorithm to proactively detect road defects using computer vision▪ Engineered and fabricated a testing rig that tests the capabilities of the algorithm with an adaptive shock | | |
| NASA, Goddard Space Flight Center | Greenbelt, MD | 6/17 – 7/17 |
| <i>Intern</i> | | |
| <ul style="list-style-type: none">▪ Assigned to “Attitude Control Systems” project▪ Developed a program that transformed structural analysis data into useful information to be utilized by attitude control models | | |
| Luby Equipment | Buckhannon, WV | 7/13 – 10/13 |
| <i>Percussion Operations Assistant Manager</i> | | |
| <ul style="list-style-type: none">▪ Manage day-to-day percussion drilling operations | | |
| Precision Air Drilling Services | Youngstown, OH | 11/12 – 7/13 |
| <i>Percussion Operations Manager</i> | | |
| <ul style="list-style-type: none">▪ Responsible for logistics and ensured tools were in excellent operating condition before being delivered to drilling location▪ Performed job cost analysis for each job▪ Troubleshoot drilling issues and provide support to customers on location when required | | |

5J Trucking

Mount Morris, PA

8/12 – 11/12

Safety Coordinator

- Monitored safety of personnel and equipment and track accidents

Archer Well/Allis Chalmers

Mount Morris, PA

3/07 – 6/12

Percussion Operations Manager

- Responsible for logistics and ensured tools were in excellent operating condition before being delivered to drilling location
- Executed the hiring and staffing of field sales, shop employees, hotshot drivers, and percussion operators
- Performed inventory forecasting to ensure proper amount of materials on hand
- Troubleshoot drilling issues and provided support to customers on location when required

Blue Mountain Aerial Mapping

Wadestown, WV

1/06 – 2/07

Mapper

- Created professional maps for various companies using VR2 mapping software
- Generated contours on selected maps in order to find volumes of areas

SUMMARY OF QUALIFICATIONS

- Able to multi-task to complete multiple projects under deadlines
- Capable of delivering constructive feedback and willing to receive feedback to improve performance
- Possess excellent problem solving/troubleshooting skills
- Possess excellent communication skills and can effectively present information to individuals or groups in a tactful manner
- Maintain an organized workstation and always display a professional, positive attitude

PROFESSIONAL ACTIVITIES AND SKILLS

- Published in Experimental Thermal and Fluid Science Journal
- Member of the Society of Automotive Engineers (SAE)
- Proficient with Matlab, Solidworks, Ansys, Microsoft Project, Powerpoint, Excel, Microsoft Word, and Siemens NX

REFERENCES

- ❖ **Andrew Nix** Assistant Professor – Mechanical & Aerospace Engineering , *West Virginia University*
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- ❖ **John Meyers** Vice President of Operations , *Atlas Copco*
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