

# James Wise

jgwise22@gmail.com

434-825-4857

## Professional Experience

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<b>Aker Wade Power Technologies</b>	<b>Charlottesville, VA</b>	<b>January 2016 - Present</b>
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### *Engineering Test Technician*

- Establishing operating conditions, devising and conducting performance tests using data acquisition software, recording and analyzing results, modifying components and parts, and recommending changes
- Creating technical reports for product design, including heat and structural analysis
- Collaborating with a team of engineers to develop, maintain, and troubleshoot new and existing products and services
- Developing GUI, including artwork and navigation
- Reviewing, conducting, and verifying product testing to meet government regulations and requirements from entities such as the CEC and DOE
- Using electrical and IT networking skills to create lab environments, connect test equipment, and coordinate with production and customer service
- Reading and interpreting test plans, schematics, procedures, and standards
- Working with a significant amount of independence, while taking direction from senior engineers

<b>Roanoke College Physic Lab</b>	<b>Salem, VA</b>	<b>August 2013 – December 2015</b>
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### *Lab Technician*

- Accountable for setting up and taking down laboratory equipment for student labs up to four times a week; provided suggestions to professors to improve lab experience and efficiency

<b>CFA Institute</b>	<b>Charlottesville, VA</b>	<b>Summers 2011 - 2013</b>
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### *Candidate Staff*

- Demonstrated strong attention to detail through critical checking and transferring of test scores for over 140,000 global candidates

## Education

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<b>Roanoke College</b>	<b>Salem, VA</b>	<b>Class of 2015</b>
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### *Major - Physics*

### *Minor - Mathematics*

### *Bachelor of Science*

- Undergraduate research in Biophysics, Researched actin filaments resulting in confirmation of certain pattern formations using fluorescence microscopy; explored imaging actin filament patterns using an Atomic Force Microscope.

## Skills

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- Qt (QML), HTML, PyQt, C++, JavaScript, Linux, C#, Embedded Linux, Python, Microsoft Windows, Java, Mac OS