

MATTHEW MCKINNON RITONIA

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📍 Washington D.C.

EXPERIENCE

OptX Imaging Systems, LLC • Lorton, VA • June 2015 - Present

Troubleshooting new products, software and cameras

Physicist Intern

- My responsibilities include working with products to ensure readiness for customers, troubleshooting new technologies and equipment, and installing software and hardware.

Laboratory for Laser Energetics • Rochester, NY • January 2014 - April 2015

Model, design, assemble, and analyze optical equipment

Research Assistant

- I modeled and designed a device used for the calibration of streak cameras at the largest active laser in North America. My responsibilities included modeling and simulation, design and assembly, and analysis.

Department of Physics and Astronomy, the University of Rochester • Rochester, NY • August 2014 - May 2015

Instruct and grade students

Teaching Intern

- I graded students one-on-one for the self-paced Introductory Electricity and Magnetism course in the Fall of 2014. I wrote homework solutions and taught a weekly recitation for the Introduction to Modern Physics course in the Spring of 2015.

EDUCATION

Bachelor of Science in Physics

University of Rochester • Rochester, NY • 2015

SKILLS

Python • R • Applied Mathematics • Data Analysis • Mathematica 9.0 • Auto-CAD • C programming language • Microsoft Excel • Microsoft PowerPoint • Microsoft Word