JOHN LASER
Reston, VA • jlaser@email.wm.edu • 555-123-4567 • linkedin.com/in/johnlaser8

EDUCATION

William & Mary, Williamsburg, VA
Bachelor of Science, May 20XX
Major: Physics GPA: 3.65

HONORS AND AWARDS

Dean's List: Spring 20XX, Fall 20XX, Spring 20XX, Fall 20XX, Spring 20XX
James Monroe Scholar, selected for academic performance in top 7% of student body
Mortar Board Honor Society Member, 20XX
W&M Student Leadership Foundation Graduate, Fall 20XX

SKILLS

Software: MATLAB (advanced use through research and courses), R (basic), Python (wrote original code), LabView G (intermediate), Excel (advanced formulas, power query)
Laboratory: XRD, Raman spectroscopy, analog electronics, ceramic tube furnace, SEM, high frequency pulsed laser
Hardware: Soldering, surface mount, carpentry, welding (skills developed through Makerspace)

RESEARCH EXPERIENCE

Research Assistant, Quantum Optics Lab, William & Mary January 20XX - Present

- Senior Thesis under Dr. Irina Novikova - micro-resonator fabrication and prism coupling
- Design, build, test, and align optical experiment
- Fabricate 1.5mm radius solid-stage optical micro-resonator in LiNbO3 by hand
- Optimize evanescent wave coupling to the micro-resonator via prism coupler, improving the Q-factor and reaching a Q-factor > $2*10^7$
- Funded by $3000 James Monroe Scholar grant during Summer of 20XX

Student Researcher, Stanford Research Institute, Menlo Park, CA May - August 20XX

- Assisted Dr. Gregory Faris on project entitled "Metal Nanoparticles for Multiplexed Bioanalysis"
- Maintained hardware, wrote LabView programs for acquiring/processing data
- Set up optical instruments and created nanoparticle samples
- Funded by National Science Foundation REU grant

ACTIVITIES

Chairman, Society of Physics Students, William & Mary January 20XX - Present

- Manage and organize meetings for Solar Cells On the Roof of Small (SCORS) project

Coordinator, Physics Fest, William & Mary Fall 20XX

- Worked with faculty members and other students to create an electromagnetic spectrum themed science fair
- Demonstrated hovercraft testing, built radios, mixed liquid nitrogen ice cream, and implemented a Ruben's tube

WORK EXPERIENCE

Office Assistant, Campus Recreation, William & Mary September 20XX – May 20XX

- Conducted market research campaign which resulted in increased participation in intramurals program
- Re-organized database and updated archives for officials and participants