

Randi Rollins

They/them/theirs

(555) 555-5555

100 New St. West Chester, PA | 19380

RR555555@wcupa.edu

EDUCATION:

West Chester University

Bachelor of Science in Physics

Minor in Women's and Gender Studies

GPA: 3.6/4.0

West Chester, PA

Expected May 2020

Achievements: Honors Program, Dean's List, Greater Philadelphia PFLAG Elise Frank Scholarship

Coursework:

- Physics 2 with lab
- Electricity and Magnetism
- Mechanics
- Modern Physics
- Gender, Race, and Science
- Sociology of Gender

PROFESSIONAL EXPERIENCE:

US Army Inventory Research Laboratory

Physics Internship

Philadelphia, PA

January 2019-present

- Identify and analyze state-of-the-art research methods in the context of real-world data, operational constraints, and environments.
- Implement and evaluate state-of-the-art algorithms and techniques from research literature with respect to real data and operating conditions.
- Collaborate with government scientists and engineers to design, develop and prototype new tools for data collection and analysis tailored to Army applications.
- Design and conduct experiments with: lasers, optics, integrated circuits, electronics, control, and laboratory measurement equipment.

West Chester University, College of Sciences & Mathematics

Office Assistant

West Chester, PA

January 2017-December 2018

- Answered departmental inquiries over the phone, email, and in-person.
- Coordinated laboratory tours for prospective science or mathematics majors.
- Shadowed physics department chair at various meetings across the university.

MKS Instruments

Plasma Science Internship

Norristown, PA

January 2018-June 2018

- Characterized the performance of plasma sources for a variety of manufacturing and industrial applications under the direction of a senior scientist.
- Utilized vacuum processing equipment and Labview to conduct experiments.
- Presented findings of remote plasma sources and reactive gas measurements in both written report and presentation.
- Represented company at oSTEM networking event during Boston Pride Week.

CAMPUS INVOLVEMENT

SAGA (Sexuality & Gender Alliance)

Treasurer

West Chester University

Fall 2018-present

- Manage and delegate funds for the club's \$5,000 annual budget.
- Collaborate with executive board members to reach out to guest speakers and plan events for club members.
- Review funding applications from members to available scholarships.

Member

Fall 2016-present

- Attend weekly meetings and help brainstorm event ideas.
- Volunteer at Speak-Out events on campus.

SKILLS:

Proficient in MS Office, Quickbooks, and LaTeX; working knowledge of Matlab, Java (Eclipse IDE), and Python