

JOSEPH RILLING

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EDUCATION

Temple University Philadelphia, PA
Doctor of Philosophy in Statistics Anticipated Grad: May 2024

University of Virginia Charlottesville, VA
Bachelor of Arts in Mathematics & Minor in Physics Grad: May 2020

RESEARCH AND WORK EXPERIENCE

Data Science Institute, University of Virginia Charlottesville, VA
Undergraduate Researcher May 2019 — August 2019

- Created a data set of over 17000 entries with over 30 factors each
- Created meaningful hypothetical data through Synthetic Minority Oversampling Technique
- Planned and executed a project that resulted in a poster presentation
- Utilized machine learning to provide actionable insight to community partners

Economics Department, University of Virginia Philadelphia, PA
Teaching Fellow August 2019 — May 2020

- Created and taught lesson plans each week
- Collaborated with faculty to meet learning goals for each student

Housing and Residence Life, University of Virginia Charlottesville, VA
Resident Advisor August 2017 — May 2019

- Designed hall and association programming to develop an engaging community
- Motivated residents and mediate student conflicts

Mayes Construction Philadelphia, PA
Project Manager Summers 2014 — August 2018

- Coordinated projects and communicated with clients to understand their preferences
- Analyzed project costs and developed project proposals
- Supported all aspects of a project to deliver high quality results by promised deadlines

EXTRACURRICULAR EXPERIENCE

Water Polo Charlottesville, VA
President August 2016 — May 2020

- Served as a coach and mentor to teammates, facilitating development as athletes and students
- Developed a \$17,000 budget and defended funding requests to an appraisal board
- Led the team out of various debts to become self-sufficient

AWARDS

Presidential Fellow Temple University
Recognition of Academic Achievement

Echols Scholar University of Virginia
Honors program focused on interdisciplinary studies August 2016

Scholar Athlete with Outstanding Honors University of Virginia
Collegiate Water Polo Association recognition of academic achievement May 2017

SKILLS

- Advanced proficiency in Spanish, R, and Python
- Working proficiency in LaTeX and C++