

Natalie Jadue

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Education

Purdue University

PH.D. IN MATHEMATICS (EXP. MAY 2024)

- Clare Boothe Luce Fellowship recipient

West Lafayette, IN

Aug. 2018 - PRESENT

Youngstown State University

B.S. IN MATHEMATICS (MINORS IN COMPUTER SCIENCE AND ECONOMICS)

- Summa Cum Laude
- Leslie H. Cochran Scholar

Youngstown, OH

Aug. 2014 - May 2018

Employment and Technical Experience

The Goodyear Tire and Rubber Company

INTERN

- Ran initial data exploratory analysis on subjective handling data
- Created and deployed predictive model
- Consulted with subject matter experts on validity of model

Akron, OH

May 2021 - Aug. 2021

Jobvite - Purdue University

GRADUATE STUDENT RESEARCHER

- Worked with Jobvite employees to convert application to utilize GPU resources
- Developed code using TensorFlow and CuPy
- Benchmarking saw 140x speedup

West Lafayette, IN

Aug. 2020 - May 2021

Preparing for Industrial Careers in Mathematics (PIC MATH)

MERCY HEALTH

- Linear programming model to suggest a new location for a health care facility

Youngstown, OH

Jan 2017 - May 2017

Preparing for Industrial Careers in Mathematics (PIC MATH)

YOUNGSTOWN NEIGHBORHOOD DEVELOPMENT CORPORATION (YNDC)

- Regression analysis to predict the crime rates per census tract through 2045

Youngstown, OH

Jan 2016 - May 2016

Professional Development

Ewha-Luce International Seminar (ELIS)

WOMEN'S LEADERSHIP SEMINAR

- Directed towards women in STEM from the United States and various Asian countries
- Workshops and lectures in both leadership and technical fields

Seoul, S.Korea

Jun 2019 - Jul 2019

SPARK

OBG PART OF RAMBOLL

- 24 hour think tank style competition where we were given a real problem and client from OBG

Milwaukee, WI

Feb. 2019

Research

Purdue University

STUDENT RESEARCHER

- Medical image reconstruction
- Introduction to optimal transport

West Lafayette, IN

Jan. 2021 - Present

Skills

Programming Python, Matlab, Julia, C++, C, SQL, LaTeX, Tableau