

Lydia Halter

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student

SUMMARY

Senior mathematics major seeking employment starting January 2023 in data science/ data analytics where I can extract knowledge and connections from data and use my artistic side to express results visually.

EDUCATION

Rensselaer Polytechnic Institute

Aug 2019 – Current

Bachelor, Mathematics 2023, Psychological Science Minor, GPA: 3.17

Coursework: Data Analytics, Intro to Data Math, Research Methods and Statistics, Numerical Computing, Advanced Calculus, CS Python

Montgomery County Community College

September 2020 – December 2020

GPA: 3.57, Coursework: Differential Equations, Public Speaking Honors, Probability and Statistics

Coursera (Imperial College London)

June 2020 – July 2020

Mathematics for Machine Learning: Linear Algebra

EMPLOYMENT

Data Analytics Research *Researcher*, Troy, NY

May 2022 – August 2022

Create genetic SWOT clock visualization tool in R, R Shiny. Translate TypeScript code into R. Taught myself Circos and RegEx.

Forbes Family Trust/LGL Partners *Intern*, West Conshohocken, PA

September 2021 – December 2021

Translated analytical methods from R script to Python, organized/edited client documents and presentations, assisted CIO and Chairman.

Tips-Y Nails *Owner & Nail Artist*, Traveling

July 2020 – Current

Create innovative/ custom nail designs, manage clientele appointment schedule, inventory management.

Xolo Tacos, Savona and Tango Restaurants *Waitress & Hostess*, Philadelphia suburbs, PA

2016 – 2020

Handled orders and parties, brought food/drinks to customers, greeted guests, dealt with customer satisfaction.

SKILLS

Technical

R, R Shiny

Python

SQL

Machine Learning

GitHub

TensorFlow

Jupyter & Spyder

Microsoft Office

Soft

Creative

Self-Starter

Leadership

Team Builder

Problem Solver

Adaptable

Relationship Builder

Communication

AWARDS

Rensselaer Leadership Award

Rensselaer Polytechnic Institute

Spring 2022, Summer 2021, Spring 2021, Spring 2020, Fall 2019

Dean's Honor List

Rensselaer Polytechnic Institute

Fall 2019: 3.50 GPA; Spring 2020: 3.66 GPA

Dean's List

Montgomery County Community College

Fall 2020: 3.57 GPA

ACTIVITIES

Alpha Gamma Delta Member

Spring 2020 – Current

Partake in volunteer work to fight hunger. Coordinate events for our sorority and other Greek life-affiliated groups.

The Rensselyrics Treasurer/ Alto/ Soloist

Fall 2019 – Spring 2022

Arrange and perform a cappella on campus, in nearby cities, and during large events such as the ICCAs. Spring 2021 treasurer.

VOLUNTEERING

Pegasus Therapeutic Riding Academy Philadelphia, PA

Feb 2018 – Dec 2018

Cleaned, fed, and walked horses, kept the barn clean and tidy.

The Philadelphia Project Philadelphia, PA

Summer 2016, 2018, 2019

Volunteered with my church youth group: Repaired inner-city home, made and distributed meals to homeless; spackled/repainted gym.

Comcast NBCUniversal Annual Cares Day Philadelphia, PA

Spring 2015, 2016, 2017

Re-painted developmental center, filed documents at rehabilitation hospital; sorted supplies for the Clarke School for Hearing & Speech.