



Caeley Lewis (She/Her)


Mathematics | Data Analysis | Data Science | Python

 Midvale, UT

 clewis53

 Caeley Lewis

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EDUCATION

UNIVERSITY OF UTAH | BACHELOR'S OF SCIENCE IN MATHEMATICS

May 2020 | SLC, Utah

- GPA 3.9 / 4.0
- Emphasized in computational mathematics to apply math in real-world problems
- Minored in computer science to learn high performance programming

SPRINGBOARD | DATA SCIENCE CAREER TRACK

Nov 2022 - Present

- Taking a bootcamp with a 500+ hour curriculum with 14 mini-projects and 3 capstone projects to advance my career and do what I enjoy

EXPERIENCE

DELIVERY DRIVERS INC | DELIVERY DRIVER

May 2021 - present | SLC, UT

- Fulfilled and delivered 50-200 orders per week from Walmart
- Resolved delivery issues directly with customers to improve satisfaction

CMT TECHNICAL SERVICES | LAB TECHNICIAN

Oct 2021 - Sep 2022 | Vineyard, UT

- Used Excel to create visualizations of test results
- Improved quality of testing methods to reflect national standards

UNIVERSITY OF UTAH HEALTH | COVID-19 SPECIALIST

Summers of 2020 & 2021 | UT

- Interviewed dozens of Utahns about the pandemic and vaccinations to promote economic and health recovery of the state

UNIVERSITY OF UTAH LEARNING CENTER | TUTOR

Oct 2019 - Aug 2020 | SLC, UT

- Tutored undergraduate students 1:1 in-person and online to reach more students
- Improved students test scores and GPAs in math and science classes

PROJECTS

BIG MOUNTAIN SKI RESORT TICKET PRICES | PYTHON

Springboard | 2022

- Created a Random Forest predictive model for lift ticket prices to replace the existing premium on mean model
- Verified ski resorts used to train the model were in the same network using Principal Component analysis
- Made recommendations for investments and cuts

SKILLS

PROGRAMMING

Languages:

Python • SQL • R • C# • Java • C++ • MATLAB • git

Libraries/Frameworks:

numpy • pandas • plotly • matplotlib • sqlite3 • sklearn

TOOLS/PLATFORMS

phpMyAdmin • Microsoft Office • Spyder • Jupyter • GitHub

PROFESSIONAL TRAINING

UDEMY

2022 PYTHON FOR MACHINE LEARNING & DATA SCIENCE MASTERCLASS

January 2023

VOLUNTEERING



WASATCH RECOVERY FOUNDATION SOBER SOFTBALL

ASSISTANT COACHING FOR NEW ROADS BEHAVIORAL HEALTH



2021-present | SLC, UT

REFERENCES



Christophe Brosseau Lab Manager, CMT Technical Services

 christophe.brosseau@cmttechnicalservices.com
 (801)755-9275

Andrejs Treibergs, Professor, University of Utah

 treiberg@math.utah.edu
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Casey Hoekstra, Associate Director, University of Utah Learning Center

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