

Megan Morris

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EDUCATION

University of California, Berkeley

Berkeley, CA

Graduated May 2021 | Majored in Applied Mathematics, French and Political Science | 3.83 GPA

The University of Edinburgh

Edinburgh, UK

Expected Graduation Autumn 2024 | MSc Computer Science | September 2023 - August 2024

EXPERIENCE

CDCS Summer School Coordinator

Edinburgh, UK

University of Edinburgh

April 2024 - Present

- Handled the administration of 2 week-long Summer Schools on applying data science to the humanities
- Created documentation of day to day activities and publicized the events
- Explained Python concepts to humanities researchers.

Private Math and Coding Tutor

Remote

Self-Employed

August 2022 - Present

- Instructs students in math and coding topics with students ranging from elementary students to undergraduates
- Communicates with and schedules weekly lessons for 25 students
- Manages financial and tax records for the business

Disney College Program

Orlando, Florida

Park Greeter Host

September 2022 - March 2023

- Collaborated with multiple lines of business to ensure a smooth arrival experience for guests
- Translated instructions into French and Spanish for international visitors

Berkeley² Academy

Austin, Texas

SAT Math Instructor

July 2022 - August 2022

- Developed and taught lessons following SAT math curriculum for classes of 20 high school students
- Targeted weaknesses in comprehension with lessons designed to counter misunderstandings

Teaching Assistant Program in France

Grenoble, France

English Language Teaching Assistant

October 2021 - April 2022

- Created enrichments and lessons for 7 classes of 30 elementary school students
- Developed students' English communication skills while incorporating TEFL learning objectives

PROJECTS AND COURSEWORK

Machine Learning for Human Activity Recognition

- Used TensorFlow in Python to develop a multi-model approach to human activity recognition using sensor data from 70 students
- Preprocessed data using Keras and TensorFlow

HYPED Edinburgh Outreach Director

- Leading classroom workshops on STEM topics for students from underserved primary and secondary schools

Probability Website

- Developed a website with HTML, CSS and JavaScript teaching students about probability through interactive simulations

- Styled website components with Flexbox and Bootstrap

SQL Database Interpreter

- Implemented the backend of a database system in Java
- Built a volcano model for SQL query evaluation

Master's Dissertation

- Building a web application for teachers to develop multiple-choice questions using Chat-GPT
- Application created using Python and Gradio using OpenAI's AP

SKILLS AND INTERESTS

- Experienced in Python, R, Matlab and SQL
- Familiar with ReactJS, Java, and Kotlin
- Proficient with NodeJS and ExpressJS
- Frontend Web Development with HTML, CSS and JS
- PyTorch and scikit-learn for Machine Learning

- Fluent in French, Conversational in Spanish
- Creative problem-solver
- High interest in STEM education
- Leadership and Project Management skills