

Cooper Lawrenz

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EDUCATION

The London School of Economics and Political Science (LSE), UK

09/2024 – 09/2025

MSc Economic History (Predicted Merit)

- In depth knowledge of Time-Series Econometrics, Deep Learning, History of Modern Economic Growth (Python, R, Stata, Excel).
- 10,000-word dissertation analysing the economic relationship between the central bank and state. Employed Vector Autoregressive methods to understand the importance of independent central banks. Found statistically significant evidence discrediting dependent banking systems.
- Group Project: Applied NN strategies to deep fake detection with an accuracy of 95% (PyTorch)

The University of Puget Sound, US

08/2021 – 05/2024

B.A. Economics; Computer Science (Top 10%, 3.75/4 GPA)

- Studied Advanced Econometrics, Micro & Macro Economic Theory, Software Engineering, Database Systems, Machine Learning (Python, R, Java, SQL).
- Research: 6,000-word thesis finding statistically significant causal channels between income and depression with an ordinal logistic regression model.
- Studied applications of RNN to exchange rate predictions; fit models to a MAE of 0.025 (TensorFlow).
- Presented research findings to peers and the wider department through a poster-board session.

WORK EXPERIENCE

City Street Investors, CO, US

Server

06/2024 – 10/2024

- Provided customer service for 100 + clients in fast-paced setting with multicultural team (Spanish).
- Rigorously implemented OSHA safety protocols and procedures for restaurant compliance.
- Managed and analyzed end-of-day costs and revenues for future insights.

The University of Puget Sound, WA, US

Financial Assistant

06/2023 – 05/2024

- Directed digitalization, ensuring modern analysis of university financial statements.
- Prepared financial predictions allowing long term projection for the university.
- Managed revenues of 15M dollars, data analysis through pivot tables (Excel).
- Onboarded and trained junior analysts on company procedures and workflows.

Colorado Department of Public Health and Environment, CO, US

Data Specialist

03/2021 – 07/2022

- Led data construction for Colorado department of Health supporting evidence-based policy decisions optimizing resource allocation, enabling optimized data tracking and vaccine provision to over 50,000 people with a team of analysts (Python, Excel).
- Reconciled existing data in CIIS to remove duplicates, incorrect entries and other data errors, eliminating systematic errors which could compromise emergency resource deployment.
- Analyzed Colorado COVID trends to inform state health policy recommendations (Excel, R).
- Special project: Verified enrollment at schools and childcares who report annual immunization data ensuring data integrity for state health policy monitoring.

SKILLS

Microsoft Suite (4 years)

Python (4 years)

R (2 years)

Java (2 years)

SQL (1 years)