

Zachary A. Kraehling

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PROFESSIONAL SUMMARY

Analytics professional and enthusiast for all things Linux, risk, and math. Educational background is in data analytics and economics. Focus is in fixed income, data analysis and data wrangling. Creator of full-fred, an open source Python API the Federal Reserve Bank of St. Louis recommends for accessing its databases.

EXPERIENCE

- **Clearwater Analytics**

Client Servicing Analyst

Boise, ID

December 2021 - Present

- Validated investment data sets against cash flow predictions and third-party custody data.
- Created standard operating procedures for quarterly investment accounting reporting projects.
- Reconciled transactions and positions of investment portfolios using data received via third-party providers.
- Supported insurance client queries within GAAP accounting, performance, compliance, and risk reports.
- Integrated alternative investments including limited partnerships into client reporting workflow.

- **The Ohio State University**

Economics Research Assistant

Columbus, OH

July 2018 - July 2019

- Co-authored a research manuscript focused on asymmetry in transfer markets of over 3,000 NCAA football recruits spanning 14 years.
- Edited the manuscript and code, and shared findings of OLS and probit regression modelling results at the 2019 Eastern Economic Association Conference.

SKILLS

- **Languages:** Python, SQL, Bash

- **Technologies:** Microsoft SQL Server, Git, Pandas, Salesforce, Vim, matplotlib, Debian, JIRA, Ubuntu, Docker

EDUCATION

- **Boston University**

Master of Science in Applied Data Analytics Candidate

Boston, MA

Sep. 2019 - December 2021

- **The Ohio State University**

Bachelor of Arts in Economics

Columbus, Ohio

Aug. 2016 - May 2019

- * Cum Laude
- * Cofounder and President of Sports Analytics Society

PROJECTS

- **full-fred:** Open source python library for financial and economic data analysis via St. Louis Federal Reserve.
- **HHS Selenium Bot:** Selenium Firefox web scraper in Python that navigates to the U.S. H.H.S. archive of medical data breaches affecting 500+ people, clicks JavaScript buttons, monitors download, and closes. It removes zombie processes and reduces 100% of unit labor cost of manual data retrieval.
- **Java Homepage Spring Boot Application:** Homepage portfolio website built with Spring Boot and Java.

VOLUNTEERING

- **FamilySearch**

Volunteer Web Indexer

Remote

May 2021 - Present

- **Web Indexing** Parsed and transcribed 754 birth, marriage, census, probate, and naturalization legal records as part of FamilySearch's web indexing initiative to make historical legal records searchable online for FamilySearch users.