

# Kyle M. Brewster

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<https://k-brew.github.io/personal-site>

## EDUCATION

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### Master of Science, Economics

University of Oregon

September 2021 - January 2023

Eugene, OR

- Relevant Courses: Econometrics I – III, Big Data, Health Economics, Micro/Macroeconomic Theory

### Bachelor of Science, Business Economics

Northwest Missouri State University

Graduated: December 2019

Maryville, MO

- Minors: Calculus-Based Mathematics, Political Science
- Honors College Graduate, 3.68/4.0 GPA, Cum Laude

## PROFESSIONAL EXPERIENCE

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### Manager of Data & Reporting

ClaimReturn

September 2022 – December 2022

Eugene, OR (Remote)

- Automated case distribution workflow using R and shell scripting commands for a scalable and systematic workflow design that processes \$2M in company assets each month
  - Decreased monthly need of manual labor by 30 hours
- Designed QA engine utilizing R and SQL to process insurance claims data from SQL servers, run algorithms to cross-reference data with CMS guidelines, flag line-item violations, and generate QA report
  - Increased findings by average of 20% (up to \$1M increase in value of findings) per analysis
  - Saved an estimated 40+ hours of manual labor for each QA cycle
- Implemented version control to manage changes and democratize logic-based components of the QA workflow design
- Developed R Shiny web application to provide summarizing statistics and data visualization to analyze metrics regarding employee performance and changes over time series for use by company executive leadership

### Change Implementation Analyst | Emergency Medicine

Cerner Corporation

May 2020 – December 2021

Kansas City, MO (Hybrid/Remote)

- Navigated relational databases as database administrator using SQL to search patient records, reference internal code sets, manage privileges, update servers, create documentations, and more to implement or test changes within client domains
- Created templates using HTML, SQL, and CCL to generate unique clinical discharge documentation for each patient encounter
- Demonstrated expertise in agile and Kanban methodologies managing an average of 70+ projects as Subject Matter Expert
- Automated daily printing and scheduling jobs used by surgeons in perioperative workflow across an entire hospital network

### City Carrier Assistant

United States Postal Service

May 2019 – May 2020

Kansas City, MO

- Delivered mail and packages along prescribed route by foot or by vehicle on a flexible schedule in all weather conditions
- Worked up to 60+ hours weekly while simultaneously completing courses for education

### Tutor & Tutor Specialist

Northwest Student Success Center

August 2016 – May 2019

Maryville, MO

- Displayed leadership by leading monthly professional development seminars for department employees and supervise tutors
- Created lesson plans and provided lectures for class sizes up to 40 students as a certified CRLA Master Level 3 Tutor

### Financial Advisor Intern

Edward Jones

June 2018 – August 2018

Parkville, MO

- Led campaign to close inactive accounts and establish new clients; created business plan for establishing a new branch

### Legislative Intern – Office of Representative Andrews

Missouri State Capitol

January 2017 – May 2017

Jefferson City, MO

- Provided briefings of House proceedings, conducted research, and provided policy analysis/recommendation for representatives

## SKILLS, HONORS, & OTHER

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- **Languages:** R, SQL, HTML, CSS, JavaScript, SAS, CCL, Visual Basic
- **Technical Skills:** Git, Linux, Advanced Excel, Power BI, Access
- **Other Skills:** Statistical Modeling, Machine Learning, Regression Analysis, Data Visualization, Advanced Spanish
- **Honors:** Eagle Scout, Economics Major of the Year (2018), STOA Seminar Speaker (2019), Scooter Club President/Founder (2018)
- **Interests:** Hiking, Weightlifting, Reading, Video Games, Star Wars, Gardening, Soccer