

# Kyle M. Brewster

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

## PROFILE

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- Experienced in R statistical programming, R Shiny, APIs, HTML, CSS, Git, JavaScript, CCL/SQL, Linux, Jira, CRM
- Proficient in the following topics:
  - Relational Databases
  - Experiment Design
  - Data Visualization
  - Machine Learning
  - Prediction & Forecasting
  - Resampling Methods
  - Exploratory Data Analysis
  - Workflow Management

## EDUCATION

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### Master of Science - Economics

Expected Graduation: June 2023

- University of Oregon – Eugene, OR
- Extensive use of R programming in data analysis, reading/interpreting academic papers, use of applied statistics & calculus

### Bachelor of Science in Business Economics – 3.68/4.0 GPA – *Cum Laude*

December 2019

- Dual-Minor in Calculus-based Mathematics & Political Science
- Honors Program - Northwest Missouri State University (Northwest) - Maryville, MO

## PROFESSIONAL EXPERIENCE

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### Data & Reporting Manager – Claim Return – Eugene, OR (*Remote*)

September 2022 – December 2022

- Automated process of case distribution for the company, which originally took 10+ hours when completed manually
- Data mined through records of contact information to extract meaningful data from missing or incomplete records
- Created R Shiny web application with a reactive interface that provides summarizing statistics and displays graphic visuals with the ability to select and compare single or multiple criteria for the input
- Developed a logical engine to process claims data to determine cases of incorrect billing or use of clinical coding according to CMS federal guidelines

### Change Implementation Analyst – Cerner Corporation – Kansas City, MO (*Remote*)

May 2020 – December 2021

- Navigated relational databases with query commands to view privileges, search for patient records, and reference code sets
- Created dynamic clinical documentation configured to emergency department workflow with access to records-databases
- Managed queue of 80 incident requests, utilizing Kanban and agile scum methodologies for managing personal project workflow or when assigned to tasks/projects as a Subject Matter Expert
- Programmed automatic task/jobs across domains for client used in perioperative clinical workflow management for the year
- Responsible for backend server changes and ensuring successful implementation from non-production to live environment
- Make recommendations adhering to HIPAA, SNOWMED CT, EUPHA, ICD-10, ISA and other company/industry standards
- Obtained clearance with Department of Defense and Veteran Affairs to work on projects in scope of EHRM contracts and privileges as a Data Base Administrator in more than 10 client domains

### Tutor & Tutor Specialist – Northwest Student Success Center – Maryville, MO

August 2016 – May 2019

- Led professional development seminars for tutors and other employees within the department in weekly meetings
- Facilitated learning as a tutor for the following classes: Microeconomic & Macroeconomic Theory, International Economics, Calculus I & II, Principles of Microeconomics & Macroeconomics, Finance, and Government & Politics
- Created lessons plans and taught lectures to up to 40 students to cover challenging course material and topics
- Obtained certification as a CRLA Master Level 3 Tutor

### Financial Advisor Intern – Edward Jones - Parkville, MO

June 2018 – August 2018

- Led inactive client and branch efficiency campaigns within the office in addition to providing regular clientele support
- Strengthened public communication & polling skills by conducting survey of residents and businesses
- Created a business plan for the establishment of a new branch as a financial advisor
- Completed curriculum to learn more about financial/administrative knowledge required of a financial advisor

### Missouri State Capitol Intern – Office of Representative Andrews - Jefferson City, MO

January 2017 – May 2017

- Researched various topics including the economic impact of tax policies, performance of various industries, and budgets of social programs to be used in legislation development by Representative Andrews and/or other legislators
- Prepared detailed notes at Budget Committee meetings to be used for policy analysis
- Observed debates and proceedings on House floor and report on developments to Representative Andrews

## HONORS & SKILLS

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- Eagle Scout
- Northwest Honors Association Graduate
- Founder & President - Scooter Club (2018)
- Spring 2019 STOA Talks Keynote Speaker
- B1 Level Spanish
- R, JavaScript, HTML, Git, CSS, CCL, SAS, Linux, Jira, SQL, ITSM 2000 Forecasting Software, MS Office, APIs
- Department of Labor Registered Apprenticeship Program
- IAPWE Certified Writer and Editor
- HIPAA Certified