Kyle M. Brewster

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EDUCATION

Master of Science, Economics   **September 2021 - January 2023**
University of Oregon   *Eugene, OR*
· Relevant Courses: Econometrics I – III, Big Data, Health Economics, Micro/Macroeconomic Theory

Bachelor of Science, Business Economics   **Graduated: December 2019**
Northwest Missouri State University   *Maryville, MO*
· Minors: Calculus-Based Mathematics, Political Science; Honors College Graduate, 3.68/4.0 GPA, Cum Laude

PROFESSIONAL EXPERIENCE

Code Sensei   **August 2023 – Present**
Code Ninjas   *Eugene, OR*
· Teach logical, mathematical, and coding skills to students; languages of instruction include Makecode, JavaScript, & C#

Manager of Data & Reporting   **September 2022 – December 2022**
ClaimReturn   *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 need for manual labor and oversight by 30 hours per month
· Designed QA engine with version control 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
· 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   **May 2020 – December 2021**
Cerner Corporation   *Kansas City, MO (Hybrid/Remote)*
· Navigated relational databases using SQL as database administrator to search for patient records, reference internal code sets, manage privileges, update servers, create workplans, and more while implementing or testing 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 a Subject Matter Expert
· Automated daily printing and scheduling jobs used by surgeons in perioperative workflow across entire client domain

City Carrier Assistant   **May 2019 – May 2020**
United States Postal Service   *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   **August 2016 – May 2019**
Northwest Student Success Center   *Maryville, MO*
· Displayed leadership by leading monthly professional development seminars for department employees
· Created lesson plans and provided lectures for class sizes up to 40 students as a certified CRLA Master Level 3 Tutor

Financial Advisor Intern   **June 2018 – August 2018**
Edward Jones   *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   **January 2017 – May 2017**
Missouri State Capitol   *Jefferson City, MO*
· Provided briefings of House proceedings, conducted research, and provided policy analysis/recommendation for representatives

SKILLS, HONORS, & OTHER

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

- Eagle Scout
- B1 Level Spanish

- R, SAS, ITSM 2000 Statistical Software; Advanced Microsoft Excel, Microsoft Access
- Familiarity with Python, HTML, and CCL
- IAPWE-certified Writer and Editor