Jackson Bronkema

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EDUCATION

Purdue University, Krannert School of Management　　　　　　　　　　　　　　　　**West Lafayette, IN**
Master of Science, Business Analytics and Information Management, GPA 3.71/4.0　　　　　　　**May 2022**
- Awarded Krannert School of Management Academic Scholarship
- Krannert School of Management Dean's List Recipient, top 25% of Graduating Class
- Relevant Courses: Computing for Analytics, Python Programming, Using R for Analytics, Business Analytics, Advanced Business Analytics, Analytics Industry Practicum, Data Mining, Data Visualization, Management of Organizational Data, Spreadsheet Modeling and Simulation, Optimization Modeling with Spreadsheets, IT Project Management

Taylor University　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Upland, IN**
Bachelor of Science, Mathematics and Business Management/Systems, GPA 3.52/4.0　　　　　**December 2020**
- Graduated Cum Laude with 166 credits applied
- Four-year recipient of the Presidential Scholarship (highest academic award given)
- Relevant Courses: Linear Algebra, Mathematical Statistics, Advanced Statistical Methods, Calculus I, II, III, Advanced Calculus, Operations Research, Operations Management, Information Systems Analysis & Design, Computational Problem Solving, Mathematics of Finance, Strategic Management

PROFESSIONAL EXPERIENCE

RH　　　　　　　　　　　　　　　　　　　　　　　　　**Corte Madera, California (Remote)**
Data Science Consulting Practicum　　　　　　　　　　　　　　　**January 2022 – April 2022**
- Leveraged time series data to build decomposition, ARIMA, and Holt-Winters models on the previous 6 years of company ocean shipping volume data
- Developed monthly forecasting models on 20+ shipping lanes to mitigate client's risk of entering a shipping contract that is not financially viable
- Built an R Shiny application that will allow forecasting team to update the models as their data changes

Amused Clothing, LLC　　　　　　　　　　　　　　　　　　　　　　　　　**West Lafayette, IN**
Data Engineering Student Consultant　　　　　　　　　　　　　　　**October 2021 – December 2021**
- Collaborated with peers to create an ERD and relational database for a local clothing retailer
- Wrote 50+ in-depth SQL queries that allow the client to update the database and extract meaningful insights from the data
- Consulted management on best practices in using the database in the future to optimize their workforce, understand inventory trends, and manage relationships with vendors

Together Healthcare Management, LLC　　　　　　　　　　　　　　　　　　　**Indianapolis, IN**
Client Service Manager　　　　　　　　　　　　　　　　　　　　　**January 2021 – May 2021**
- Managed a caseload of 38 clients and supervised staff of over 100 healthcare employees to coordinate essential healthcare for clients
- Hired over 20 new employees in the span of less than 6 months, grew branch's workforce by more than 15%
- Collaborated with administration and peers to implement a new pricing model, increasing gross profit by over $10,000 per month

ACADEMIC PROJECTS AND SKILLS

- **NBA Analytics Dashboard:** Used R Shiny to create a live dashboard to predict the outcomes of NBA games
- **Credit Default Prediction Project:** Placed 7th among 60 teams in private Kaggle competition by creating a classification model to forecast which credit card applicants will default

Programming Languages: Python (pandas, NumPy, scikit-learn, Matplotlib, seaborn), R, SQL, MATLAB, HTML, CSS
Tools: Tableau, Power BI, Minitab, GitHub, SAS EM, Oracle, Jupyter, PyCharm, Microsoft Suite (Excel, Access, etc.), GSuite, Smartsheet

VOLUNTEERINGAND LEADERSHIP ACTIVITIES

- Volunteer for Grant County Special Olympics and Eastbrook Elementary After School Program (2017-2020)
- Volunteer and Mentor at Fellowship of Christian Athletes High School Football Camps (2018-2019)
- Captain of the Taylor University Football Team (2019)
- Assistant Football Coach at Taylor University (2020)
- Mathematics Tutor at Taylor University (2017-2020)