Joseph Kueny

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EDUCATION

Iowa State University, Ames, IA
Master of Business Administration (Emphasis Business Analytics) (GPA 3.61)   Dec. 2021
Bachelor of Science Computer Engineering (GPA 3.53)   Dec. 2020

WORK EXPERIENCE

Principal Financial Group, Remote Work   March 2022 – Present
Innodata Team, Junior Data Engineer (Contractor)
• Assessed code requirements with business partners
• Automated file re-encryption with Python scripting
• Analyzed legacy code for process improvement areas
• Designed solutions for data pipeline problems in SQL
• Delivered reports for business partners' review
• Built process run-time tracking class for metrics gathering
• Reworked process job run order for maximum time efficiency
• Utilized Podman to containerize select projects for AWS use
• Collaborated on cross-team coding efforts

NetApp, Remote Work   May 2021 – Aug. 2021
Cloud Success Team: Data Analyst Intern
• Evaluated data collection integrity
• Extracted relevant metrics from customer data for report generation
• Optimized customer data for customer risk report generation
• Developed machine learning based report generation tool in Python
• Calibrated report generation tool for future dashboard implementation
• Presented tool and findings on customer risks across teams
• Implemented data visualization requests from business partners

Western Digital, Rochester, MN   Jan. 2019 – Aug. 2019
Technology Development Co-op
• Extended robotics wiring and installed new hardware
• Rewrote and upgraded the micro-controller firmware written in C
• Created a GUI in C# to interact with the ESD robot firmware
• Designed sample automation scripts for robot
• Documented the upgrades to hardware and software on test automation robot
• Led informational sessions on proper robot use and test creation

RELATED PROJECT EXPERIENCE

Senior Design Project 2020
• Determined data modeling focus relative to project goals
• Developed and optimized machine learning models
• Created project plan document

Home Server
• Setup of Docker containers for running applications
• Management of PostgreSQL database for relevant Docker containers
• Configured personal VPN and network setup for off-site work