

Joseph Kueny

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CAREER OBJECTIVE

Automation focused data engineer ready to apply my development skills towards optimizing existing programs and tools, analyzing performance metrics, discovering performance enhancements with stakeholders, and maintaining data systems for a team that fosters an environment of learning and collaboration.

WORK EXPERIENCE

Principal Financial Group, Remote Work March 2022 – Present

Innodata Team, ETL Data Engineer & Python Developer (Contractor)

- Integrated IT and actuarial business Agile team solving complex regulatory problems
- Built long-duration targeted improvement (LDTI) financial result reports for 2nd US financial company to do so
- Analyzed legacy code for process improvement areas
- Reduced file re-encryption runtime by over 50% with Python scripting
- Designed process run-time tracking class for metrics gathering
- Aggregated, filtered, and processed data in SQL to create financial modeling outputs
- Owned projects end-to-end with continued support
- Automated, scheduled, and supported 70 production processes for financial products for time efficiency
- Utilized PySpark to migrate existing Java ETL system to AWS
- Created and supported data pipelines from various sources such as mainframe, email, 3rd parties

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

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

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