Yun-Seo Dalimil

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EDUCATION

Utah State University, Jon M. Huntsman School of Business Logan, UT
Bachelor of Science: Information Systems, Data Engineering Emphasis May 2023
- **GPA: 3.8**
- Member: Association of Information Systems, Women in Business
- Presented at the Utah Conference on Undergraduate Research
- Huntsman Scholar, selected based on outstanding academics and leadership

TOOLS

Advanced:	Proficient:
• SQL	• HTML
• Microsoft Excel Certified	• Crystal Reports
• Python	• Web JSON API
• Tableau Certified	• ETL Processes

PROJECTS

Crypto Currencies Triangular Arbitrage Simulations Nov 2022
- Built graph of 10 different cryptocurrencies exchange rates, then searched for disequilibrium creating arbitrage opportunities yielding as high as 1.5% return on a single arbitrage
- Sent trade requests to crypto brokers through Python, executing line of exchanges in a limited time frame, taking advantage of arbitrage
- Created data scripts and server-side logic in Linux and managed all data running on AWS

Stock Market Trading Simulations Aug 2021
- Ran multiple strategies including Bollinger bands, mean reversion, moving average crossover on real-time stock market prices yielding a return as high as 40% annually
- Created all data scripts and server-side logic, eliminating manual input and reducing errors

WORK EXPERIENCE

Utah State University Analytics Solution Center Logan, UT
Data Analyst Intern Sep 2021 – Present
- Created Python module to predict volatility of oil royalties in working with Jain Family Institute client project resulting in better Brazilian city finances
- Applied standardized models and project management processes, predicting volatility of Brazilian Oil Royalties
- Leveraged Bootstrap Method of Sampling Theory, Object-Oriented Projects, and Generalized Auto-regressive Conditional Heteroskedasticity (GARCH) Model used for client projects

Vivint Logan UT
Quality Assurance Specialist Aug 2020 – Aug 2020
- Collaborated with 20 teams creating and implementing production plans with leadership, improved team productivity by 3%
- Evaluated 40 unique individual team members weekly, increasing overall performance by 15%
- Coached 3 bottom-performing call centers by identifying critical areas of improvement and provided supervisor level training and above, realized as top 3 performers for efficiency and accuracy after 6 months

Utah State University Aug 2018 – July 2020
Recruitment Ambassador Logan, Utah
- Increased university recruitment through weekly presentations, 3 state-wide open houses, and 10 workshops each semester
- Worked on 30+ member, answering parent and student questions regarding admissibility, scholarships, and campus involvement

SERVICE

Humanitarian XP Oct 2017 – July 2018
Builder Experience Leader San Jose, Costa Rica
- Designed and coordinated construction of refugee center for 16 girls rescued from international human trafficking

INTERESTS

- Back country skiing – Heli-skied in British Columbia