

Christopher Kearl

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EDUCATION

Master of Science, Information Systems Management

Apr 2025

Brigham Young University - Marriott School of Business

Provo, UT

- Overall GPA 3.61 / 4.00; Major GPA 3.87 / 4.00
- Association for Information Systems (2023 Student Chapter of the Year), VP of Activities
- BYU Data Analytics Club, Co-President and Co-Founder
- Melaleuca Financial Strategy Case Competition Third Place Winner 2022
- **Specialized Courses:** Enterprise Programming with Swift, Python, Javascript, C#; Database Structure and Queries in SQL; Statistical Modeling in R and Python; Machine Learning with Python; Product Management; Computational Programming with C++; Networking and Data Communications; Offensive, Defensive Cybersecurity.

EXPERIENCE

Software Engineer Intern, Data Engineer Intern

May 2023 – Aug 2023

Pattern

Lehi, UT

- Developed dynamic search keyword filters to categorize keywords by tracking period, resulting in average bid savings of \$0.50 on Amazon advertising for partners, and improved internal ROI analysis
- Improved accuracy of Amazon insights by designing new database pipelines to update new metrics every 3 hours
- Reduced Amazon ad metrics dashboard load times by ~3 seconds by optimizing SQL generation and access controls

Teaching Assistant (IS 201, IS 302)

Jan 2022 – Apr 2022, Jan - Apr 2023

Brigham Young University

Provo, UT

- Managed course curriculum, grading standards, and academic progress for 60+ students in courses of varying difficulty
- Aided professor in piloting new course by exploring management tools, learning resources, and teaching methods
- Minimized grade entry times by 4 hours by automating submission requests from students

Software Developer

Aug 2021 – Aug 2022

Contour Software Developments

Mesa, AZ (Remote)

- Launched paperless work environment transition for client by engineering AWS-compatible information entry platform
- Streamlined client new-hire onboarding experience by building custom enterprise-standard HCM application
- Presented new project features and outlined future requirements in bimonthly standups with client executives

Data Scientist Intern

Jun 2021 – Aug 2021

Everyone Can Code Chicago (One Summer Chicago)

Chicago, IL

- Predicted high risk transmission areas with 98% accuracy by analyzing real-time COVID data using Python (Seaborn)
- Mentored teams of 4-6 coders who lacked prior coding experience while doing group projects

Assistant General Manager

Mar 2020 – Apr 2021

The Warehouse: Mattress, Furniture and More

Salt Lake City, UT and Orem, UT

- Generated \$305,000 in revenue through execution of effective sales, marketing and advertising strategies, and business processes, including selling 80% of stores' inventory in a closing liquidation sale
- Re-engineered company POS operating system, decreasing competition price match times by 80%

Volunteer Representative

Jun 2018 – Mar 2020

The Church of Jesus Christ of Latter-day Saints

Busan, South Korea

- Trained 120 other volunteers of mixed ethnicities regarding rules and practices of Busan and its surrounding area
- Liaised 35 new missionaries from disbanded neighboring area, integrating them into new system and region
- Performed weekly community service activities including teaching English and cleaning Elderly nursing homes

SKILLS & ACHIEVEMENTS

- Proficient in Python, Pandas, Django, Ruby (Rails), Scrum, Git, JavaScript, C#, ASP.NET, MySQL, AWS, Snowflake
- Experienced with Airflow, Airbrake, React, Matplotlib, Node.js, Flask, Swift, SwiftUI, TailwindCSS, C++, R, Tableau
- Fluent in Korean Language
- Utah Regional World Language Sterling Scholar 2017
- Former Guitarist/Pianist of band 'Ritt Momney' with multi-millions of total streams on music platforms
- Eagle Scout - Project: Collected and donated toys to Primary Children's Hospital