

RYAN USELL

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EDUCATION

Texas Christian University

Bachelor of Science in Computer Information Technology

Minor: Economics

Fort Worth, TX

Class of 2024

GPA: 3.5

COMPUTER SKILLS

Languages: Python, SQL, C#, Java, Terraform, HTML, CSS

Cloud Providers: Amazon Web Services, Microsoft Azure, Google Cloud, Snowflake

Other Skills: Linux Admin, Docker, Git, Tableau

EXPERIENCE

PennyMac

Intern, Enterprise Data

Agoura Hills, CA

June 2024 – Present

- Developed an AI chatbot with Meta's LLaMA 3, Python, and SQL to recommend Snowflake roles to users
- Created Tableau reports to monitor execution times of SQL stored procedures

MavenCode

Intern, TCU Senior Design Project

Fort Worth, TX

September 2023 – May 2024

- Provisioned the database and APIs for an artificial intelligence application using Python
- Designed and implemented the cloud infrastructure for the application using Google Cloud and Terraform
- Worked with clients to set up IoT devices on-premises to gather data for artificial intelligence models

Mill City Asset Management

Intern, Technology & Development

Remote

May 2023 – August 2023

- Automated data extraction using Python, GitHub Actions, Snowflake, Fivetran, SQL, and Microsoft Azure
- Built a C# Excel add-in to upload workflow data to Microsoft SQL Server
- Used the OpenAI/ChatGPT API to automatically categorize assets by description

Mill City Asset Management

Intern, Technology & Development

Remote

May 2022 – August 2022

- Automated AWS credential rotation using Python and Terraform to secure cloud infrastructure
- Programmed the tracking of AWS S3 metadata into a NoSQL database using Python, Terraform, and Docker
- Used PowerBI to create asset stratifications for portfolio analysis

CERTIFICATIONS

- *AWS Certified Cloud Practitioner*, Expires 2026
- *Microsoft Azure AI Fundamentals*, Non-Expiring

PERSONAL PROJECTS

Stock Analyzer

2022 – 2023

- Used Python to automate a fundamental analysis on the income statement, balance sheet, and cash flow statement of companies for personal investments
- Scores and ranks thousands of stocks to find outperforming investments for personal portfolios

RyanUsell.com

2020 – 2022

- Built a personal website, ryanusell.com from scratch using HTML and CSS, and hosted it on an AWS server