

Ben Belnap

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PROFESSIONAL EXPERIENCE

Willis Towers Watson

Salt Lake City, UT

Database Engineer

Nov 2020 - May 2025

- Designed and optimized SQL Server schemas and implemented stored procedures, triggers, and functions to improve query performance and reduce reporting load
- Redesigned destination tables for the Log File Analysis ETL (C#, Azure Functions), resolving ingestion bottlenecks and increasing throughput
- Owned the Loss of Funding process for two years: refactored legacy code, resolved production defects, and produced documentation and trainings to transfer ownership

Rocket LLC

Remote

Database Engineer Intern

May 2025 - Aug 2025

- Implemented CI/CD pipelines and enforced automated tests for the Data Archiver project to improve deployment reliability
- Optimized SQL Server stored procedures and advised Postgres indexing; maintained Python ETL and supported cloud deployments

Utah High School Mountain Bike League

Utah

Chief of Timing (IT Support)

Jul 2022 - Present (seasonal)

- Deployed and maintained on-site timing and computer infrastructure; trained volunteers and race staff on operations
- Troubleshoot network, hardware, and software issues under strict time pressure and implemented pragmatic workarounds to keep events on schedule

EDUCATION

Western Governors University

Salt Lake City, UT

Bachelor of Science, Computer Science

2025

Utah Valley University

Orem, UT

Associate of Science

2020

TECHNICAL SKILLS

Python

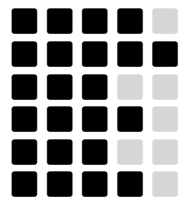
SQL (T-SQL)

C#

Data Architecture

ETL Pipelines

Agile



PERSONAL PROJECTS

- **House Price Prediction: (click me!)** WGU capstone — data cleaning, ML training, and visualizations (Python).
- **Parry God:** 48-hour game jam — complete game built under tight deadline.
- **Club Penguin AI:** Creative automation project — YouTube demo.
- **Magic the Gathering AI:** Game AI project — YouTube demo.

PORTFOLIO

- **YouTube:** youtube.com/playlist
- **GitHub:** github.com/BenjaBelnap

TOOLS & CERTIFICATIONS

- **Tools:** Visual Studio, Copilot, GitHub, Docker, SSMS, Excel, Jira
- **Certifications:** tSQL, CompTIA Project+, ITIL 4 Foundations