

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 by up to 300%
- Redesigned destination tables for the Log File Analysis ETL (C#, Azure Functions), resolving ingestion bottlenecks and increasing throughput by over 100%
- Owned the Loss of Funding process for two years: enabled customer teams to recover \$1.5M+ annually by refactoring legacy code, resolving production defects, and producing 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, often increasing performance by 5x or more; advised Postgres indexing using pganalyze

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

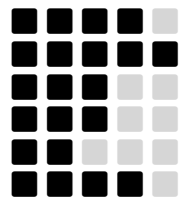
SQL (T-SQL)

C#

AWS

ETL Pipelines

Agile



PERSONAL PROJECTS

- **House Price Prediction: (click me!)** House Price Prediction — Python (Pandas, Scikit-learn, XGBoost) — data cleaning, ML training, and visualizations.
- **Parry God:** 48-hour game jam — Godot (GDScript) — complete game built in Godot under tight deadline with one partner.
- **Club Penguin AI:** Creative automation project — Python (pyautogui) — YouTube demo.
- **Magic the Gathering AI:** Game AI project — Python (pyautogui) — YouTube demo.

PORTFOLIO

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

TOOLS & CERTIFICATIONS

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