

# Timothy Cuddeback MS

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## Profile

Sr BI Analyst with 2+ years of experience designing home lab environments around fantasy sports metrics and injuries working to turn a hobby into a career. Driven to seek knowledge about software engineering by a passion for all sports.

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## Professional Experience

**PrePass..... Feb 22 – Present**

*Senior Business Intelligence Analyst, Data*

*Remote*

- Promoted to Senior BI Analyst after 1 year of performance.
- Developed end to end business intelligence products from raw data to presentable dashboards, utilizing DAX, SQL, and Python, providing insight to business partners to make critical decisions.
- Helped standardized formatting, language, and methodology for the BI Team, increasing the rate of productivity.
- Dynamically work with agile, waterfall, and iterative project structures, efficiently producing results to business partners.
- Assisted in creation of CI/CD pipelines and version control migrations of Snowflake increasing data governance.
- Automated a PowerPoint presentation using Python increasing visibility of the team's productivity during a Sprint.
- Developed a validation tool using SnowPark and Python to compare source and target tables after an ETL pipeline for data integrity and quality.
- Reduced data debt from Alteryx by workflows to SQL ETL pipelines with Matillion, Snowflake, and Azure Data Factory increasing robustness and data observability.
- Investigated, debugged and optimized legacy ETL pipelines and SSRS reports by connecting to APIs, databases, using parquet files, and reducing volume of reports, decreasing costs while increasing returns on SLAs.

**The Children's Hospital Colorado ..... Aug 15 – Jul 21**

*Athletic Trainer*

*Denver, CO*

- Designed and realized strength and conditioning programs, using the data to show injury reduction.
- Presented injury data, showing 40% were under-served, persuading leadership to create another role.
- Created a rudimentary application with google app scripts, removing the need to manually schedule 600+ appointments for physicals.
- Unified and elevated for documentation and data collection standards to abide by HIPAA while reducing liability risks and increasing documentation quality.

**University of Hawai'i Manoa ..... Aug 13 – May 15**

*Athletic Trainer – Secondary Schools/Graduate Assistant*

*Honolulu, HI*

- Collected, normalized, and analyzed injury risk data compared to biomechanical data, furthering research on injury risk reduction best practices.
- Developed and installed the first policy and procedure manual medical providers at a local high school, reducing liability risk and standardizing best practices.

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## Education

**University of Hawai'i Manoa ..... Aug 15**

*Master of Science Kinesiology and Rehabilitation Sciences*

*Honolulu, HI*

- Thesis: The effect of fatigue on hip abductor strength and running gait biomechanics of the lower extremity

**James Madison University ..... May 13**

*Bachelor of Science Athletic Training*

*Harrisonburg, VA*

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## Technical Skills

- **Hard Skills:** Debugging, API Connections, Database structure, ETL creation and monitoring, Data Validation
- **Techniques:** Optimization, Query Architecture, Documentation, CI/CD
- **Tools:** Python, SQL, Matillion, Snowflake, PostgreSQL, APIs, Azure, VSCode, PowerShell, Bash, Agile