MITCHELL WHITTEN

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SKILLS

Languages: Python, Java, SQL, C, HTML/CSS, LaTeX
Technologies: PowerBI, Git, Selenium, Pandas, Adobe Illustrator, Pygame
Specializations: Business Intelligence Programs, Software Development

WORK EXPERIENCE

Data and Operations Analyst   Nov. 2021 – Present
Aztec AU   *Melbourne, Australia*
- Spearheaded the management and optimization of databases utilizing **Python** and **SQL** to enable advanced data visualizations
- Engineered comprehensive **PowerBI** dashboards adopted across various business units to enhance operational efficiency by over **50%**
- Reconstructed the company's product forecasting system to **reduce cost** and minimize excess inventory holdings

Analyst   Mar. 2021 – Feb. 2023
Pittsburgh Knights   *Melbourne, Australia*
- Devised sophisticated Google Sheets dashboards to meticulously **track in-game statistics** and facilitate data-driven strategies
- Led analytical meetings with a **5-member team to dissect performance metrics** and develop tactical game plans
- Instrumental in guiding the team to **win the Australian league** and **qualify for international competitions** against top-ranked global teams.

PROJECTS

Community Statistics | *Google Sheets, Adobe Illustrator*   Mar. 2021 – May. 2021
- Engineered a **fully-automated** Google Sheets workflow to streamline data input and boost operational efficiency
- Designed an engaging infographic to distill an entire season's statistics, garnering positive community engagement

Go-Karting Dashboard WIP | *Python, Dash, CSS, Selenium, Pandas, Plotly*   November 2023 – Present
- The development of an interactive dashboard for viewing Go-Karting lap times, utilizing the Dash library for robust and dynamic web application capabilities.

Pokemon Battles WIP | *Python, Pygame, Data Structures, Git, PixelArt*   July 2023 – Present
- Developed a fully-functional Pokémon battle simulation game using Python and the Pygame library

EDUCATION

Monash University   Melbourne, Australia
Bachelor of Computer Science, Major in advanced Computer Science   *Feb. 2023 – Nov. 2025*
- GPA: 3.5
- WAM: 81%

Victorian Certificate of Education   Melbourne, Australia
Victorian Certificate of Education - 84 ATAR   *Feb. 2020 – Dec. 2021*

DavisonX - PowerBI   Online
Analyzing and Visualizing Data with PowerBI   *Jan. 2023 – Jun. 2023*

Harvard University - Comp Sci   Online
CS50 - Intro to Computer Science   *May 2022 – Jan. 2023*

Academy of Interactive Entertainment - Game Design   Melbourne, Australia
Certificate III in Game Arts Design   *Feb. 2021 – Dec. 2021*