Camdin Dirnberger

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Personal Website: https://camdin-dirn.github.io/Project-Website/

EDUCATION

Willamette University   **Salem, OR**
Master of Data Science | 4.0 GPA   *August 2023 - August2024*
BS in Computer Science & Data Science, Minor in Mathematics | GPA 3.73   *August 2021 - May 2024*

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML, CSS, JavaScript, Java, SQL(Postgres and Lite), R, Node.js
- **Data Skills:** Data Visualization, Analysis, Engineering and Modeling
- **Technologies:** Google Firebase, Railway, Power BI, APIs, Spark, Hadoop, Docker
- **Frameworks and Libraries:** Scikit-learn, Tidyverse, Pandas, Pytorch, Matplotlib, React Native
- **Development Practices:** Object-Oriented Programming, Agile Development, Networking (Linux), Software Development

PROJECTS

- **NFL Franchise Value** — **Data Analysis** *Summer 2024* This project analyses the historical trends in NFL franchise value, identifies teams struggling with growth, and offers insights into factors driving successful and stagnant franchises, providing valuable lessons for sports organisations aiming to enhance team value.
- **NFL Play Calling** — **Machine Learning Notebook** *Spring 2024* We employed classification modelling using Python, Matplotlib, and Scikit-learn to make accurate predictions about team decisions in various scenarios.
- **Real Estate** — **Power BI** *Spring 2024* Created data visualisations and analysed data using Power BI, SQL (Postgres), Railway, and API
- **UFC** — **Data Analysis Paper** *Fall 2021* Conducted machine learning analysis using R, focusing on classification models and regression
- **Stars with Exoplanets** — **Data Graphics** *Spring 2023* Visualised data using Python
- **Soccerary** — **Website** Spring 2022 Developed a website using JavaScript, HTML, CSS, and API
- **March Madness** — **Website** *Spring 2022* Created data visualisations using Python (pandas) and HTML
- **BracketBuddie** — **Website** *Spring 2024* Built a website for keeping track of March Madness standings for a group poll, using HTML, Firebase, and SQL (Postgres)
- **GlazingGuru Pro** — **Mobile App** *Spring 2024* Developed Soccerary, an all-in-one soccer dictionary website using JavaScript, HTML, CSS, and a soccer API, offering live match updates, standings, and rosters for clubs and international teams worldwide.

COMPETITIONS

Willamette ASA DataFest, *April 2024*   **Salem, OR**
Performed EDA, created statistical models, and developed data visualisations within 48 hours. Generated hypotheses and communicated findings effectively.

WORK EXPERIENCE

Hoodoo Ski School, *Ski Instructor,* (January - April 2024)   **Sisters, OR**
- Taught beginner to intermediate skiers, aged 4 to 60+
- Provided excellent customer service and planned lessons effectively.

Montana Glass, *Glazier/Commercial Glass Installer,* (May 2022 - August 2023)   **Missoula, MT**
- Installed glass for commercial projects around Western Montana.
- Delivered high-quality customer service and collaborated with team members.

MCPSMT, *IT Intern* (August 2020 - December 2020)   **Missoula, MT**
- Deployed software on computers for hundreds of students during COVID-19.
- Resolved software issues and supported customer service efforts.

INVOLVEMENT

- DIII Football, Willamette University (August 2021 - November 2023)
- Leadership Group, We held weekly meetings with the head coach of Willamette Football to discuss improvement strategies, set examples for the team, and make decisions with the team's best interests in mind.
- Varsity Soccer/Football Sentinel HS
- Kiwanis Basketball, *Volunteer* Coached teams, and refereed games for middle school students.