**Adam Mayer**

**Perth**, Western Australia

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**SUMMARY**

A hardworking, analytical and energised Data Professional with background in Exercise and Sports Science. My strengths are attention to detail, creative problem solving, leadership and innovation.

9 years’ experience officiating, coaching and mentoring, showing commitment and self-development.

**TECHNICAL SKILLS**

**Languages**: Python, JavaScript, HTML/CSS, SQL, NoSQL, Visual Basic, Pandas

**Applications**: GitHub, APIs, Git Bash, Tableau, Visual Studio Code, Jupyter Notebook, Excel

**Data**: PostgreSQL, MongoDB, Leaflet, TensorFlow, D3.js, BeautifulSoup, SQLAlchemy, Flask

**PROJECTS**

**We, The New York Squirrels** | https://github.com/ACMayer/We-The-Squirrels

Produced an interactive dashboard depicting a squirrel’s day-to-day life in New York City using annual squirrel census data.

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* Role: Data analyst and interpreter
* Languages (and Libraries): Python (Pandas, Flask), SQL Alchemy, JavaScript (Leaflet, D3.js), HTML/CSS
* Tools: Git Bash, Jupyter Notebook

**Crowdfunding** | https://github.com/ACMayer/Crowdfunding-ETL

Performed data pre-processing using Python and converted into a Panda’s data frame. Output as SQL schema

* Role: Data analyst
* Languages (and Libraries): Python (Pandas)
* Tools: Git Bash, Jupyter Notebook

**Project 4**  | https://github.com/ACMayer/Project4-MNIST

Classified medical images through a machine learning model using the MNIST dataset on Kaggle, with the goal to identify diseases.

* Role: Data analyst
* Languages (and Libraries): Python (pandas, pathlib, numpy, matplotlib) SKlearn, Keras, Tensorflow, Pillow
* Tools: Git Bash, Jupyter Notebook, Power Point, Streamlit

**EMPLOYMENT HISTORY**

**Football Coach / Mentor 2017 - Present**

**UWA, Stirling Macedonia, Subiaco AFC**

* Planned, organised, and delivered training sessions tailored to development and match performance.
* Analysed game and training footage to present to players and coaches.
* Mentored adult and youth players.
* Communicated with stakeholders in various mediums in a clear concise and timely manner.
* Organised referees and pitches to ensure adequate space available for matches.

**Onsite Medical Care (Short-term contract) 2/2021 - 6/2021**  
**Administration Support**

* Provided administration support while the company prepared for accreditation by the Australian Health Standards Association.
* Performed daily administration duties to assist the clinical and management teams, including answering phone calls, corresponding with specialists and other external providers, scanning and filing.
* Database entry including medical records, with a focus on patient confidentiality.
* Created patient files and information packs, including health information, feedback forms and surveys.

**Various Basketball Leagues including state level 2013 - 2020**

**Referee, Referee Coach / Mentor**

* Analysed game footage for referee teaching purposes.
* Mentored players and coaches in application and interpretation of official rules.
* Created development plans and provided mentoring for referees.
* Collaborated in designing assessment criteria for referees.
* Organising and scheduled referees for both regular season and finals fixtures.
* Communicated with a variety of stakeholders, including other officials, players, coaches score bench, and spectators.
* Focused on objectivity and impartiality in often difficult and passionate situations.

**EDUCATION**

**Data Analytics Certificate**, University of Western Australia **Perth, 2024**

**Bachelor of Science (Exercise & Sports Science),** Edith Cowan **Perth, 2014 - 2018**

**OTHER PROFESSIONAL EDUCATION**

**Football Federation Australia Certificates**

* FFA B Licence Coaching **Perth, 2020 - 2021**
* FFA C Licence Coaching **Perth, 2018**

**Basketball Western Australia Certificates**

* Level 1 Basketball Referee **Perth, 2014**
* Level 1 Basketball Referee Coach **Perth, 2016**