**Zihan Tang**  
Email: [2481279@dundee.ac.uk](mailto:2481279@dundee.ac.uk) Phone: 07423 056556  
Location: Dundee, UK

**Personal Statement**

I am a student who likes computers and interested in data science and is looking for a job in technology or Esports events. I don’t have much experience but I’m willing to learn. I am interested in data science. Seeking a internship to further develop my technical skills and contribute to innovative software solutions.

**Skills**

* Java, C++, JavaScript, Python
* Web Development, HTML, CSS, JavaScript
* Teamwork
* Problem-solving

**Education**

**BSc Computer Science**  
University of Dundee

Sept 2022 – Present

* Developed a basic web application using HTML, CSS, and JavaScript as part of a group project.
* **Expected Graduation**: June 2026

**Work Experience**

Gaming Data Analysis Intern

Personal Project | June 2024 - September

Analyzed player statistics from various esports competitions using Python (pandas, matplotlib) to track performance metrics like win rates, kill/death ratios, and strategic choices.

Built an interactive dashboard in Excel to visualize trends in player data and game patch impacts, offering insights into how version updates affect gameplay.

**Projects**

**University Project – Web Application**

* Made a website once using HTML, CSS, and JavaScript as part of a group project.
* Responsible for front-end design and functionality.

**Personal Project – Java Game**

**Certifications**

none

**Interests**

* Learning about new programming languages.
* Interested in playing chess and strategy games(football manager, civilization and so on).
* Reading tech blogs to stay updated on industry trends.
* Prefer to watch some esports match like moba games(lol or honor of kings) or football match(premier league) and analyze the the data with some friends after that.

**References**

The work experience is depend on

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Reflection

As a Computer Science student, I was involved in a group project that required us to analyze data from a mobile app to understand user behavior patterns and recommend ways to improve user engagement. The app was seeing a decline in daily active users, and our goal was to identify why this was happening and propose solutions. We were a small team, and the project had a tight deadline, which put pressure on us to deliver quick, actionable insights.

Task: My specific task was to lead the data analysis phase, focusing on extracting meaningful insights from user data, including session duration, in-app activity, and user retention rates. I also needed to ensure that the findings were communicated effectively to the rest of the team, which included members who were less experienced with data analysis tools. It was important for me to translate the data into clear, practical suggestions that could guide our team’s design and strategy decisions.

Action: I began by cleaning and structuring the dataset using Python, identifying key metrics that would help us understand user behavior. I applied various statistical methods to spot trends in how users interacted with different features of the app. Additionally, I used Excel to create visualizations, such as heatmaps and graphs, to make the data more digestible for the team. I scheduled regular meetings where I presented these findings, encouraging input from team members to ensure everyone was aligned. Together, we brainstormed potential changes to the app's user interface based on the data, with a focus on improving the features that users interacted with most frequently.

Result: Through our collaborative efforts, we pinpointed two main issues: users were dropping off during the onboarding process, and the app’s main features were not easily accessible. Based on this, we recommended a simplified onboarding process and a more intuitive navigation system. These changes, once implemented by the app developers, resulted in a 15% increase in daily active users within two weeks of the update. The success of the project was directly linked to the team’s ability to rely on data-driven insights while maintaining open communication.

Learning: This experience taught me the importance of both technical and interpersonal skills in achieving success. From a technical perspective, I honed my data analysis abilities, particularly in using Python and Excel, which are crucial for roles like the Game Data Analyst position. From a teamwork perspective, I learned how to communicate complex data to non-specialists and ensure that everyone is on the same page. The ability to adapt my findings into actionable strategies mirrors the responsibilities outlined in the job description, such as assisting coaching teams in decision-making based on data analysis.

In conclusion, my experience aligns well with the demands of the Game Data Analyst role, where analytical skills, collaboration, and the ability to communicate insights are critical to improving team performance and developing strategies.

Reference:

https://chatgpt.com/c/66fbd215-8010-8010-acf1-e7a7997949b0