

Personal Objective

```
/* Leveraging my experience gained during my university studies and side projects, I aim to contribute to the development of impactful software solutions. I hope to expand my knowledge and skills, allowing me to address real-world challenges with a focus on long-term, meaningful impact. */
```

Education

```
Degree = "B.Sc. Computer Science";  
Predicted_Result = "2:1"; // Average grade = 66%, Graduation spring 2024  
Related_Modules = {"Machine Learning and Related Applications", "Big Data Programming", "Advanced Algorithms", "Data Science", "Software Engineering"};
```

Projects

```
// Livestream Highlight Selection  
Dissertation = {  
  "Used machine learning to generate accurate and relevant of clip recommendations from a live streamer's past broadcast.",  
  "Utilised DeepFace for facial emotion recognition, CV2 for computer vision, VaderSentiment for sentiment analysis and Google's speech to text API for transcripts.",  
  "Created a dataset of scraped Twitch.tv clips for training and validating the predictive model.",  
  "Employed Seaborn to generate clear and informative graphs, aiding in the interpretation of findings."  
};  
// Simplified EM Wave Propagation Simulation  
EM_Simulation = {  
  "Developed a simplified simulation for electromagnetic wave propagation using vanilla Fortran.",  
  "Applied fundamental principles of electromagnetics to simulate and visualize wave interactions.",  
  "Explored the impact of materials on the intensity of electromagnetic waves."  
};
```

Technical Skills

```
Languages = {"Python", "C#/C++", "Fortran", "Pascal", "JavaScript", "Q#"};  
Agile = {"Jira", "Trello"};  
CI_CD = {"GitHub CI", "Jenkins"};  
Version_Control = {"Git"};  
Other = { "Conda", "MATLAB", "SQL", "PyTorch", "Azure", ".NET", "CSS", "HTML"};
```

Key Experience

```
// April->May 2018  
ICSSkills_Work_Experience= "Participated in team discussions and planning sessions to ensure alignment with project goals and applied Agile principles to optimize project workflows, resulting in increased productivity and faster project delivery."  
// Present  
Freelance_Data_Analyst= "Collaborated with clients to understand their data needs and provided tailored solutions. Effectively managed time and workload to meet project deadlines without direct supervision.";
```

Interests

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Chess = "Alongside playing casually, I actively volunteer at a local primary school to provide support to students to help develop their strategic thinking and problem solving skills through this medium."  
Varsity = "I made meaningful contributions to my university's Overwatch team, actively engaging in team meetings to analyse past gameplay with teammates. Allowing me to refine my teamwork and critical decision-making skills while facilitating a culture of constructive improvement within the team."  
// Additional recent work experience is available upon request
```