**Awet Tsegay**

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<https://www.youtube.com/channel/UC6oiFC1NzT0uejJYtKdisLA>

**Personal Profile**

I am a tri-lingual BSc Mathematics graduate, enthusiastic and motivated about working in data analysis and well knowledgeable in modelling, analysing and numerical interpretation of the data. Completing the National Citizen Service (NCS) enabled me to develop my confidence and leadership skills through many challenging activities including devising and implementing a local community project.

**Education**

**BSc (Hons) Mathematics, Kingston University, September 2017 to July 2020**

Classification (**First Class)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **First year modules** | **Grade** | **Second year modules** | **Grade** | **Third year modules** | **Grade** |
| Introduction to mathematical methods and structures | **A+** | Probability distributions and statistical modelling | **A+** | Time Series Analysis and Further Inference with Applications including Insurance Models | **A+** |
| Introduction to computational mathematics | **A** | Mathematical analysis and argument | **A** | Application of Calculus: Partial Differential and Optimization | **A** |
| Introduction to probability and statistics | **B-** | Mathematical and numerical methods | **A** | Individual Project | **A** |
| Mathematics in finance and investment | **D+** | Mathematical models and computation 1 | **B+** | Artificial Intelligence and Database Systems | **A** |

**IELTS Academic English, Ealing Hammersmith and West London College, July 2020**

Overall Band Score **(6.0)**

**A-Levels, The Newark Academy, September 2015 to May 2017**

Mathematics **(C),** Chemistry **(D)**

**GCSEs, Rushey Mead Academy, February to May 2015**

3 GCSE’s including Mathematics **(A\*),** Additional Science **(B),** Core Science **(C)**

**Work Experience**

**Cashier, Waiter and Griller, Nando’s, Kingston upon Thames, June 2018 to October 2019**

* Take customer’s order and exchanging the money with a welcoming attitude.
* Work within a high-pressured environment to ensure that all orders are processed accurately and efficiently.
* Operate within a large team, ensuring that I communicate effectively with colleagues to deliver food in a timely manner to the customer. This results in high levels of customer satisfaction.
* When opening the restaurant, I am responsible for the setting up the kitchen. I ensure that all health and safety procedures are followed.
* Use my interpersonal skills to provide a friendly service to customers.
* When problems arise, I work calmly and effectively to ensure that these are resolved to the customer’s satisfaction.

**Voluntary and Extra-Curricular Activity Experience**

**Maths by Tigrinya, YouTube, started from July 2020**

* I upload educational videos about different topics such as Introduction to Basic Mathematics, Application of Mathematics in Finance and Investment and Computational Mathematics.
* My aim is to teach and share my knowledge with Tigrinya speakers specially with Eritreans.
* In long term, my plan is to support young Eritrean refugees and encourage them to take part in a higher education level.

**Beyond Barriers Student Mentoring Programme, Kingston University, November 2020 to May 2020**

* I registered on student mentoring curriculum and paired with a mentor from Skipton Building Society, Kingston Upon Thames branch manager called Robert Thomas.
* The course includes getting one to one mentoring from a qualified professional, sharpening abilities and gaining real-world comprehension, tailoring advice from top business specialist, boosting confidence and resilience to achieve success.
* It helped me to develop life aptitudes to succeed in my degree course and techniques to enhance my studies, increase my self-confidence and encourage me to take advantage of new experiences.

**The National Citizen Service (NCS), in the summer of 2016**

* I enrolled on NCS to gain experiences while contributing to my local community.
* This involves a week of outdoor teamwork activities in Wales, a residential week at Nottingham University developing life capabilities and two weeks planning, organizing and the delivery of a social action project with a group.
* To raise funds for Newark Royal Air Forces Association (RAFA) branch and club.
* It enabled me to develop my communication abilities and improve my English.

**Technical skills**

* IT experiences: trained in the use of Microsoft Office programmes such as Word, PowerPoint, Excel and introductory programming insight of VBA (Visual Basic for Applications).
* Analytical knowledge of Programming: **SAS** for Simple Linear Regression, Multiple Linear Regression, Logistic Regression and Time Series Analysis (for both seasonal and nonseasonal time series data). **MATLAB** for instance Matrices, Ordinary Differential Equations (ODEs). **Maple** including performing linear algebra, trigonometry, Differentiation, Integration, Fourier Series, Partial Differential Equation and Difference Equations. **SQL** (Structured Query Language) practices in executing both simple and complex queries.
* Self-taught preparatory learning of programming **Python**.
* Excellent numerical expertise in: Multivariable calculus, Vector Calculus, First Order Differential Equations (First ODEs) and Linear Systems of ODEs, Complex Differentiation, Complex Integration, Partial Differential Equations (PDE’s), Unconstrained and Constrained Optimisation.
* Language abilities: Fluent in English, Tigrinya and Amharic.

**Hobbies and Interests**

* Sports: football, running and cycling.
* I love learning a new thing especially technology and science through books, TV and Social Media.
* Follow and read: politics via TV, Newspapers and Social Media.

**References**

‘Available on request’.