

# Muaawiyah Dadabhay



UNDERGRADUATE  
INFORMATION ENGINEER

## PROFILE

I am a third-year engineering student passionate about technology and its advancements, more specifically robotics, software development and automations. If I'm not out on the road running or cycling, I'm reading for leisure or keeping up to date within the world of STEM. I like to think I am constantly evolving and growing, always open to learning.

## EDUCATION

### Parktown Boys' High School

Matriculated in 2020 with 5 Distinctions

### University of the Witwatersrand

Currently enrolled in 3rd Year Electrical and Information Engineering undergraduate degree  
*Began studies in 2021*

## ACHIEVEMENTS

2019 - Full Colours in Photography (Cultural School Award)

2019 - Elected onto the SEC (School Executive Council previously known as 'Prefects') committee

2020 - Promoted to an executive position on the RCL (Representative Council of Learners)

2020 - JA Cameron Memorial Award @ Parktown Boys', awarded due to outstanding commitment and service to the school


2020 - 5 Distinctions in Matric

2021 - Invited to the Golden Key Society

## CONTACT

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## WORK EXPERIENCE

### Part-timer for MikaByte Technologies: January 2021 to June 2021

- Post Matric I was offered a position with the start-up MikaByte Technologies where I was offered a web-developer position.
- I've worked on multiple websites configuring the front end using Oxygen Web Builder.
- Achievements include a 2021 performance report for which I have scored 81/100.

### Tutor for Horizon Star Schools Tuition Centre: 2021 to Present

- I tutor Mathematics to learners between Grade 7 - 12
- In 2022 I was assigned to Grade 7's due to my ability to break down complex problems into understandable and relatable experiences.

## REFERENCES

Available upon request

## SKILLS

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- Front-end web development in Oxygen Builder
- Programming in Delphi (Proficient) , MATLAB , R , C++ (Proficient) and Python (Basic)
- Ability to work in Microsoft Word, Excel, PowerPoint and Access
- Teaching
- Being able to work in a team
- Photography
- Image and Video Editing

## RELEVANT PROJECTS

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### **Coding a Space Defender 2D Game using C++**

October 2023

### **Design of an Audio Controlled Mini Race Car**

May 2023

### **Vacation Work under Dr. Taariq Surtee**

December 2022

### **Coding a Gomoku Game (5-in-a-Row) using C++**

June 2022

### **Programming a Microcontroller To Control a Joystick in Assembly**

June 2022

### **Coding a Travel Application for tour guides using Delphi**

August 2020

### **Coding a Mental Maths Game using Delphi**

August 2018

## CURRENT MEMBERSHIPS

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- The Golden Key International Society
- Executive member (Deputy Chairperson) for WITS MSA
- Executive member (Deputy Treasurer ) for WITS EIE SCHOOL COUNCIL

## HOBBIES AND INTERESTS

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- Programming
- Running and Cycling (Duathlons)
- Body Weight Training
- Reading
- Gaming
- Teaching
- Photography
- Videography
- Listening to Podcasts