

PRIYA MOODLEY

Cape Town, Western Cape
(+27) 98 765 4321
mdlpri040@myuct.ac.za

Personal Profile

I am a fourth year Electrical and Computer Engineering student at the University of Cape Town. I am a diligent and goal-oriented student with a deep curiosity for the inner workings of electronic systems. I am a natural leader and a collaborative team player, with years of experience balancing group projects and university commitments through careful planning and organization. I am persistent, adaptable and skilled across disciplines - whether acting in stage productions, competing in sports or playing the piano - I give my everything. Above all, I am driven by a relentless enthusiasm for learning, and I thrive in environments where I can grow, contribute and innovate.

Education

University of Cape Town - BscEng Electrical and Computer Engineering (2022-present)

I am a registered student for a degree in Computer and Electrical Engineering with the faculty of Engineering and the Built Environment. I achieved a consistent 76% GPA throughout the last three years of my university studies.

Westville Girls' High School (2017-2021)

At Westville Girls' I matriculated with 7 distinctions and an NSC average of 93% with a mathematics score of 98%. I received the Liberty Bell Trophy for academic achievement in my final year.

Work Experience

Hatch Engineering (December 2024 - January 2025)

As a participant in a competitive 6-week vacation program at Hatch Engineering, I collaborated within a multidisciplinary team of chemical, civil, mechanical, and electrical engineering students to execute a simulated real-world project. My primary responsibility involved developing Controls and Instrumentation documentation. This experience sharpened my ability to integrate cross-disciplinary inputs and emphasized the critical importance of clear communication and precision in large-scale engineering projects. Working directly with electrical systems deepened my practical understanding of how theoretical concepts translate into industrial applications, reinforcing my interest in instrumentation and control engineering.

Cape Peninsula University of Technology (December 2022)

I gained hands-on experience in fitting, turning, and welding during a two-week industrial training program. This experience provided me with practical insight into manufacturing workflows and deepened my understanding of how engineering design decisions impact real-world production.

Skills

Computer Skills:

- **Programming:**
 - Advanced Proficiency with Python, Java, Delphi, C, C++, MySQL, MATLAB
 - Basic Proficiency with AutoCAD, Solidworks, KiCad
- **Software:**
 - Advanced proficiency in Microsoft Office
 - Advanced proficiency in Google Workspace
- **Hardware and Electronics:**
 - PCB design
 - Basic networking (troubleshooting)

Communication & Leadership:

- Professional email/telecommunications
- Team leadership & people management

Languages:

- Fluent in English
- Advanced in Afrikaans

Achievements

UCT: 2022 Dean's Merit List
 2023 Dean's Merit List
 2024 Dean's Merit List

WGHS: Liberty Bell Trophy for academic achievement

References

Hatch Engineering:

Richard Links - Electrical Engineer at Hatch - richardlinks9@gmail.com

CPUT:

Dominic De Maar - Lab Officer - dominic.demaar@uct.ac.za