

# PRIYA MOODLEY

## 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.

2024	Completed my third year, achieving an average of 76.52%
2023	Completed my second year, achieving an average of 76.06%
2022	Completed my first year, achieving an average of 76.98%

### Westville Girls' High School (2017-2021)

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

2021	Completed National Senior Certificate
	- Achieved distinctions in all 7 subjects: Mathematics, Physical Science, Biological Science, Dramatic Arts, English Home Language, Afrikaans First Additional Language and Life Orientation.

## Work Experience

### Hatch Engineering (December 2024 - January 2025)

- Completed a 6-week cross-disciplinary internship, collaborating with mechanical, chemical and civil engineering students on a simulated project.
- Designed a P&ID and Network Architecture Diagrams.
- Gained hands-on experience with industry-standard workflows and team-based problem solving.

### **Cape Peninsula University of Technology** (December 2022)

- Intensive 2-week industrial training in fitting, turning and welding, developing precision and resilience in a factory environment.
- Observed manufacturing workflows, reinforcing the practical impact of future engineering design decisions

## **Skills**

### **Computer Skills:**

- **Programming:**
  - Python
  - Java
  - Delphi
- **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
- Conversational in French

### **Technical Tools:**

- AutoCAD
- MATLAB
- MicroStation
- Wireshark

## **References**

### **Hatch Engineering:**

Richard Links - Electrical Engineer at Hatch - [richardlinks9@gmail.com](mailto:richardlinks9@gmail.com)

### **CPUT:**

Dominic De Maar - Lab Officer - [dominic.demaar@uct.ac.za](mailto:dominic.demaar@uct.ac.za)

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