



# Shoalin Harischandre

Electronic Engineering  
Student (4<sup>rd</sup> Year)

## About Me

Passionate Electronic Engineering student with a deep curiosity for understanding and innovating technology. I'm driven by the thrill of solving complex problems and transforming ideas into reality. Always eager to learn, I approach every project as a chance to grow and make an impact.

## Contact

 081 321 1839

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 Pietermaritzburg / Pretoria

## Skills

- Circuit Design & Analysis
- Programming & Embedded Systems
- Soldering & Lab Equipment
- Problem-Solving & Analytical Thinking
- CAD & Simulation Tools

## Language

- English
- Afrikaans (2<sup>nd</sup> Language)

## Education

### ● (2023 – 2026)

**UNIVERSITY OF PRETORIA**

BEng Electronic Engineering

### ● (2017 – 2022)

**RAISETHORPE HIGH SECONDARY**

Matriculated with 4 Distinctions in:

- > Mathematics (core)
- > Life Orientation
- > English
- > Accounting

## Projects

### **M.A.R.V (LINE FOLLOWER)**

Constructed a (Micro-controller based Autonomous Robotic Vehicle) Line Following robot designed and built from first principles.

### **M.A.R.V (MAZE SOLVER)**

Constructed a Maze Solving robot designed and built from first principles.

### **NYX (QUADRUPED ROBOT)**

Currently designing a quadruped robot with computer vision for real world obstacle avoidance. (W.I.P)

### **MY PORTFOLIO WEBSITE**

To view some of these projects, visit my website coded by myself, **sharischandre.com**