My interest is to obtain Master’s Degree of Science in Engineering. The Focus being on Embedded Control and in particular Process control and Automation.

**Considered topic:**

Research in developing a system of intelligent traffic lights for implementation on Atterbury and Lynnwood Roads in Pretoria. Intelligent in the sense that they communicate with each other and control the traffic flow with more efficiency. They will complete this task with information gathered from sensors placed at ground level. The sensors will be implemented to measure the number of cars on the road and relay this information back to the traffic lights. The traffic lights can then use and share this information to more precisely the flow of traffic. It would be a great opportunity to include in the dissertation a discussion between using classic control theory and fuzzy logic/neural networks.