

# FIRST LAST

www.linkedin.com/in/-

E-Mail

Contact Number

## EDUCATION

### **University**

*Bachelor of Engineering (Electrical)/Bachelor of Commerce (Finance)*

### **Location**

*2013 – 2018 (Expected)*

### **High School**

*Certificate of Education*

### **Location**

*2008 – 2012*

- Subject Prize(s): Math C, IPT
- IT Student of the Year Trophy
- OP: 3 and QCS: A

## WORK EXPERIENCE

### **Unrelated work experience**

*Office Staff*

### **Location**

*Jan 2010 – Present*

- Managed and organized a database of over 500 members
- Involved in customer service as well as sales and fee collection
- Organization of stock and merchandise
- Performed website maintenance and online store maintenance

## PROJECTS

### **Autonomous Mine Sweeper**

**Semester 1 (2013)**

- The design had to be cost, weight and size effective with regulations on each
- Had to be able to detect ‘mines’ beneath sand or soil
- Required to be easily transportable and able to navigate varied terrain

### **Self-Detecting Failure Power-line Support**

**Semester 2 (2013)**

- Designs and simulations had to be able to detect and send an alert of its own structural failure
- Strain gauges and sensors were used to detect excessive load or imminent collapse
- Power was required to be shut off before complete structural failure was reached

### **Persistence of Vision Wheel**

**Semester 2 (2014)**

- Intelligent LED based displayed attachable to conventional bicycle wheel
- Designed to displayed text and graphics determined by the user
- Single row of 32 LEDs which had to be in synchrony with wheel rotation

### **Digital Stethoscope\Operational Amplifier**

**Semester 1 (2015)**

- Operational Amplifier designed and built from scratch using discrete electronics
- Fit the desired specifications to analyze and amplify animal stomach sounds
- Variable voltage gain by use of a feedback network

## ADDITIONAL INFORMATION

*Skills:* Report writing, strong verbal and written communication skills, solution oriented, detail focused

*MS Office:* Proficient in Word, Excel, Powerpoint, Outlook

*Electrical:* Oscilloscopes, function generators, circuit design, PCB Design (Altium)

*Financial:* Financial modelling, statistical analysis, regression modelling, forecasting

*Software:* Python, C, Matlab, LaTeX

*Associations:* Electrically Based Engineering Student Society (EBESS), Engineers Australia (EA), Engineering Undergraduate Society (EUS), Financial Management Association of Australia (FMAA)

*Interests:* Gym, Running, Poker, Technology, Reading