

Thein Moe WIN

theinmoewin@gmail.com

Mobile: +614 5138 9185

7/36 Quigg Street, Lakemba, NSW 2195, Sydney

Please view my detail profile in **Linkedin** (<http://www.linkedin.com>)

PERSONAL STATEMENT

I'm an accomplished Mechatronics Engineer with a background in commercial and industrial Engineering applications. I have an in depth knowledge of electrical/mechanical/electronics systems designs and am looking to expand my experience within a role that combines new builds.

EMPLOYMENT

Asst. Accountant (Part Time)

ExpressTax Co. Ltd, Castlereagh St, Sydney, <https://www.expresstaxback.com.au>

Aug-2010 >Present

Tutor for Electric Circuit & Designs Proficiency

School of Electrical Engineering & Telecommunication,

The University of New South Wales (UNSW), Sydney, www.unsw.edu.au

Feb-2010 >May-2010

Lecturer

Mechatronics Dept. Faculty of Engineering,

University Industri Selangor (UniSEL), Kuala Lumpur, Malaysia

July-2007 >May-2009

Design & Application Engineer

ControlEZ Technology Sdn. Bhd (SIEMENS Group), Kuala Lumpur, Malaysia www.controlez.com.my

March-2003 >February-2004

Job Scopes

- Handled multiple projects on Glove process room temperature control, pick-and-place robot, lab equipments for universities, clay-mixture processing control, and customized Engineering Designs

Junior Engineer

ControlEZ Technology Sdn. Bhd (SIEMENS Group), Kuala Lumpur, Malaysia www.controlez.com.my

June-2002 >March-2003

Job Scopes

- assist Engineers

Tutor & Lab Demonstrator

International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia

www.iium.edu.my

June-2001 >June-2007

Business Executive

Eaindra Network Sdn. Bhd (Importer & Exporter), Kuala Lumpur, Malaysia

2004 >2007

PROFESSIONAL CERTIFICATES

- Commended Paper Award for "Robotic Tower Crane Modelling and Control (RTCMC) with LQR-DRO and LQR-LEIC for Linear and Nonlinear Payload Swing Minimization, IREACO Journal, Vol. 9 (2), 2016.
- Best Award on "Modelling and Simulation" at IEEE-iToF 2015 (Technology of the Future) Poster-Presentation Competition at UNSW Sydney. Current research based-Construction Tower Crane Modelling and Control was presented.
- Participated in IEEE-iToF 2014 (Technology of the Future) Poster-Presentation Competition. Current research based-Construction Tower Crane Modelling and Vibration Impact Analysis was presented.
- Participated in IEEE-iToF 2013 (Technology of the Future) Poster-Presentation Competition. Current research based-2D Overhead Crane Modelling and Control was presented.

- Bronze Medal Award in Malaysia Technology Expo Research & Innovation Competition MTE07. Master Degree research "RFID-based Intelligent books shelving System with robot hand gripper" was presented.
- Silver Medal Award in KERIE2006 IIUM Research & Innovation Competition. Master Degree research "RFID-based Intelligent books shelving System" was presented.

KEY SKILLS

Sound computer knowledge, Interpersonal and leadership skills, organizational skills, Reliable and hardworking, organized and dedicated with a positive attitude, and thrive on working in a challenging environment.

Technical Skills

- MS Office
- Matlab
- Simmechanics-Simscape

Membership

- Graduate Member of IEEE

EDUCATION

- PhD Candidate (Thesis submitted)
Specialized in Control, Mechatronics Engineering
School of Electrical & Telecommunication Engineering
The University of New South Wales, Sydney, Australia
- MSc. Mechatronics Engineering Hons.
Mechatronics Dept. Faculty of Engineering
International Islamic University Malaysia
- BSc. Mechatronics Engineering Hons.
Mechatronics Dept. Faculty of Engineering
International Islamic University Malaysia
- Completed 3rd Year Mechanical Engineering
Faculty of Mechanical Engineering
Yangon Institute of Technology (Y.I.T), Burma (Myanmar)
- Completed Matriculation Exams with flying colors
Yangon, Burma (Myanmar)

EXTRA CURRICULAR ACTIVITIES

- Secretary of Burmese Muslims Association New South Wales
- Actively involved in Burmese Democracy movements

PERSONAL INTERESTS

Reading | Soccer| Badminton| Swimming

REFERENCES

- Assoc. Prof. Timothy Hesketh
IEAust, Process Control Society, Committee Member
School of Electrical & Telecommunication Engineering
The University of New South Wales, Sydney, Australia
Email: t.hesketh@unsw.edu.au
- Dr. Ramond Eaton
Senior Lecturer, Assoc. Dean (Education)
Faculty of Engineering, UNSW, Sydney
Email: r.eaton@unsw.edu.au