# Nur Atirah binti Ismail

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## Career Profile

* Experienced in continuous improvement for meeting output target and headcount optimization by task simplification for cost reduction project
* Experienced in technology conversion with managing equipment rigging work, liaised with operations team and vendors, while maintaining work safety requirement
* Demonstrated strong analytical skill, attention to detail, dynamic teamwork, organized and being reliable in achieving the project goal
* Good interpersonal and communication skills in English and Malay, with good command of spoken Mandarin
* Self-motivated, passionate to learn new things and able to adapt with fast-paced and diverse culture working environment
* Highly proficient and fast learner of using technical software such as Microsoft Excel, Microsoft PowerPoint, Solidworks, and AutoCAD
* High-achiever and possesses a strong academic record with First Class Honours in Mechanical Engineering

## Work Experience

## Industrial Engineer

**SunPower Malaysia Manufacturing Sdn. Bhd, Malaysia Jul 2016** – **Aug 2018**

* Capacity forecast and planning, detailed data analysis for FAB bottleneck process
* Identified OEE losses and drove for improvement to meet output target with bi-weekly alignment meeting for Management and Operation Team
* Headcount utilization study for productivity improvement and optimize man-machine ratio with LEAN tools, 7 Waste ECRS of value/non-value added tasks
* Conducted tool time study, UPH, and speed model for improvement opportunity
* Designed and planned for tool layout with AutoCAD for optimized manufacturing flow and comply to safety standard and guideline
* Managed and supervised equipment rigging work with liaising with Vendors and Operations Team for technology conversion to ensure smooth operation

## Industrial Trainee Dec 2014 – Feb 2015 AUO SunPower Sdn. Bhd., Malaysia

* Assisted engineers and technicians at work for data collection and sampling
* Provided CAD Modelling and engineering drawing for 120 components
* Involved in equipment maintenance and engineering run for evaluation project
* Acquired knowledge about LEAN manufacturing, 7QC tools and 8D problem solving methodology

## Education

**Bachelor of Mechanical Engineering (First Class Honours) Feb 2012 – Dec 2015**

**University of New South Wales**

* WAM: 77.89/100
* Awarded Dean’s List in 2014 and 2015 for achieving Distinction average WAM

**Cambridge International GCE A-Level Jul 2009 – Jul 2011**

**MARA College Seremban**

* Grade : AAA\*
* Involved in Rubik’s Cube competition as event committee

**Certificate of Education Malaysia (SPM) Feb 2007 – Dec 2008**

**Sekolah Berasrama Penuh Integrasi Selandar**

* Result: 10As in Technical Science Stream
* Elected as a member of School Disciplinary Board

**Professional Development Training**

**Managing Complaint in Professional Way Mac 2018**

**In-house Training at SunPower Malaysia Manufacturing Sdn. Bhd.**

* Understand and addressing the customer needs in perspective of customer service provider by establishing positive attitude
* Gained knowledge on ways to handle difficult customers
* Established performance matrix to evaluate strength and weakness to improve the current customer service

**Volunteering Activities**

**NSW Bicycle Sydney Spring Cycle Oct 2015**

**Course Marshall**

* Assisted NSW Police for controlling traffic and gave direction to cyclers

**Blackmores Sydney Running Festival Sep 2014 & 2015  
Course Marshall & Recovery Area Role**

* Set up and maintained the course
* Provided directional assistance and encouragement to participants
* Set up drink station and distributed water to participants at Recovery Station
* Unload clothing/baggage trucks and sorted into numerical and event order in group

**Randwick Bushcare Program May 2014  
Volunteer**

* Involved in plant conservation weeds at environmental reserves around Randwick City
* Participated in Bushcare Major Day Out to learn from experienced volunteers

## Language and Technical Skills

* Language Proficiency
  + English - proficient both in speaking and writing
  + Malay – proficient both in speaking and writing
  + Mandarin – intermediate in speaking and basic in writing
* Microsoft Office - MS Excel, MS Word, and MS Power Point
* Computer Aided Drawing – Solidworks and AutoCAD

## Referees

Jia Ming Chong

Industrial Engineer

SunPower Malaysia Manufacturing Sdn. Bhd

Kim Heng Goh

Senior Staff Industrial Engineer

SunPower Malaysia Manufacturing Sdn. Bhd.

Dr. Victoria Timchenko

Thesis Supervisor

UNSW Australia

(Contact details available on request)