

# RESUME

## BIODATA

**Name:** Lee Kean Wee

**Date of Birth:** 16/09/1996

**Nationality:** Malaysian

**Phone Number:** 0163178163

**Email:** [kelvin\\_lee4896@hotmail.com](mailto:kelvin_lee4896@hotmail.com)

**Address:** 23, Jalan Beroga, Taman Meru, 41050 Klang, Selangor.

**Term Address:** Student Village, Persiaran Sarjana, Kota Ilmu,  
Educity@Iskandar 79200 Nusajaya, Johor Malaysia, Malaysia



## Education

<u>Duration</u>	
Sept 2015 – Jan 2017	<b>University of Southampton Malaysia Campus (MEng Mechanical Engineering)</b> <ul style="list-style-type: none"><li>➤ Specialization – <i>Sustainable Energy Systems</i></li><li>➤ Results for second year semester 1 - <b>83.7%</b> Avg</li><li>➤ Results for first year – <b>81.0%</b> Avg (<i>First Class Honours</i>)</li><li>➤ <b>5<sup>th</sup></b> in the cohort</li></ul>
Jan 2014 – June 2015	<b>Sunway College A-Levels</b> <ul style="list-style-type: none"><li>➤ Results – <b>4 A*</b></li><li>➤ Subjects – Maths, Physics, Chemistry and Biology</li></ul>
Jan 2012 – Dec 2013	<b>SMJK Kwang Hua</b> <ul style="list-style-type: none"><li>➤ &gt;SPM (O- level Equivalent) – <b>9A</b> (4A+, 3A, 2A-), 1B</li></ul>

## Job Experience

<u>Duration</u>	
June 2016- August 2016	<b>University of Southampton Malaysia Campus</b> <ul style="list-style-type: none"><li>➤ <i>Research Internship</i></li></ul> <p><b>Project title:</b></p> <ul style="list-style-type: none"><li>➤ Single Phase Transesterification in a continuous stirred reactor simulation</li></ul> <p><b>Objective:</b></p> <ul style="list-style-type: none"><li>➤ Develop a numerical model of a biodiesel production process that is relevant to Malaysia Palm Oil Industry.</li></ul>

## **Awards and Achievements (Academic)**

<b><u>Timeline</u></b>	
Sept 2016	<b>Awarded Khazanah Watan Scholarship</b> <ul style="list-style-type: none"> <li>➤ Full sponsorship for duration of study</li> <li>➤ Attended leadership and personal development training programs by Yayasan Khazanah.</li> </ul>
Sept 2015	<b>Top Achiever's Scholarship from USMC</b> <ul style="list-style-type: none"> <li>➤ Full fees waiver for first year only(completed)</li> </ul>
August 2014	<b>Australian Mathematics Competition</b> <ul style="list-style-type: none"> <li>➤ Senior Division- Credit</li> </ul>
October 2013	<b>Anugerah Kecemerlangan (Excellence Award)</b> <ul style="list-style-type: none"> <li>➤ Anugerah Gangsa- 9A (Bronze award for 9A)</li> </ul>
August 2013	<b>University of New South Wales International Competition for schools (Form 5 and Lower 6)</b> <ul style="list-style-type: none"> <li>➤ English – Distinction</li> <li>➤ Mathematics – Distinction</li> <li>➤ Science – Distinction</li> </ul>
July 2013	<b>Hong Kong Polytechnic University Secondary School Mathematics and Science Competition 2013</b> <ul style="list-style-type: none"> <li>➤ Biology – Credit</li> </ul>

## **Awards and achievements ( Non -Academic)**

<b><u>Timeline</u></b>	
April 2016	<b>University Technology Malaysia Mechanical mousetrap car innovation (MTC'16)</b> <ul style="list-style-type: none"> <li>➤ <i>Champions</i> (out of 30 teams)</li> </ul>
August 2014	<b>Sunway Pre-Medical Club</b> <ul style="list-style-type: none"> <li>➤ <i>Founding Secretary</i></li> <li>➤ <i>Most Outstanding</i> Newly Formed Club 2014</li> </ul>
April 2013	<b>Kejohanan Taekwondo Majlis Sukan Sekolah Daerah Klang (Regional Taekwondo Championship)</b> <ul style="list-style-type: none"> <li>➤ Sparring – Bronze Medalist</li> </ul>
Feb 2013	<b>Taekwondo Black Belt and Certified Taekwondo Instructor</b> <ul style="list-style-type: none"> <li>➤ Awarded by Power Sport Taekwondo under The World Taekwondo Federation (W.T.F)</li> </ul>

## **Skills and Interest**

<b><u>LANGUAGE</u></b>	<b><i>Proficient in Understanding, Speaking and Writing</i></b> <ul style="list-style-type: none"> <li>➤ English</li> <li>➤ Malay</li> <li>➤ Chinese</li> </ul>
<b><u>COMPUTING</u></b>	
<i>Programming</i>	<ul style="list-style-type: none"> <li>➤ Python (intermediate)</li> <li>➤ Program C (beginner)</li> </ul>
<i>Computer Aided Engineering</i>	<ul style="list-style-type: none"> <li>➤ Solidworks (Expert)</li> <li>➤ Fluent for computation fluid dynamics (Intermediate)</li> <li>➤ Arduino (Intermediate)</li> </ul>
<i>Productivity Suite</i>	<ul style="list-style-type: none"> <li>➤ Microsoft Word (Expert)</li> <li>➤ Microsoft Excel (Expert)</li> <li>➤ Microsoft Powerpoint (Intermediate)</li> </ul>

## **Notable Voluntary Work**

<b><u>Timeline</u></b>	
<b>March 2017</b>	<b>Arduino mentor for secondary school students</b> <ul style="list-style-type: none"> <li>➤ Voluntary 10 week program to expose secondary students to science and technology</li> <li>➤ Mentored students in SMK Puteri Wangsa Ulu Tiram Johor</li> </ul>
<b>July 2013</b>	<b>As a Buddhist Association Committee Member</b> <ul style="list-style-type: none"> <li>➤ Organized a charity drive through "Food Delivery 2U"</li> <li>➤ Successfully generated RM2000+</li> <li>➤ Money is donated to Special Children's Home</li> </ul>
<b>April 2013</b>	<b>Committee Member of 30-Hour Famine Camp 2013</b> <ul style="list-style-type: none"> <li>➤ Famine 30 is a fund raiser for projects combatting hunger and poverty all over the world.</li> <li>➤ I was the leader of the entertainment department</li> </ul>

## **Referee**

<b><u>Referee 1</u></b>  <b>Name:</b> Dr Ng Jo-Han <b>Position:</b> Lecturer <b>Working Place:</b> University of Southampton Malaysia Campus <b>Email:</b> <a href="mailto:J.Ng@soton.ac.uk">J.Ng@soton.ac.uk</a> <b>Phone no:</b> +6012-7344268	<b><u>Referee 2</u></b>  <b>Name:</b> Ng Chee Beng <b>Position:</b> Senior Lecturer <b>Working Place:</b> Sunway College Subang <b>Email:</b> <a href="mailto:cheebengn@sunway.edu.my">cheebengn@sunway.edu.my</a>  <b>Phone no:</b> +6012-5629163
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