PERSONAL DETAILS

Name	:	Tan Yi Von
Address	:	508, Lorong Sepakat, Jalan Parit Mesjid, 82000 Pontian, Johor.
Tel. contact	:	014-3190910
Email address	:	yivon0305@gmail.com
NRIC No	:	900305-01-6040
Marital status	:	Single
Religion	:	Buddha
Citizenship/Ethnic	:	Malaysian/ Chinese

EDUCATION

University Kebangsaan Malaysia, Bangi, Selangor 2010-2014
Fresh Graduate in Bachelor of Biochemical Engineering
Cumulative GPA: 3.77/4.00
Academic Honors: recipient of Dean's List for 6 semester

Sekolah Menengah Kebangsaan Dato'Penggawa Barat 2008-2009
Sijil Tinggi Persekolahan Malaysia (STPM)
Cumulative GPA: 3.67/4.00
MUET: Band 4

Sekolah Menengah Kebangsaan Dato'Penggawa Barat 2003-2007
Sijil Peperiksaan Malaysia (SPM)
8Grade 1A, 2 Grade 2A and 1 Grade 3B
GCE-O Level: 2A

(i) Subject Taken (University Level):

- Thermodynamics I & II
- Chemical Process Principles
- Engineering Mathematics I, II & III
- Fluid Mechanics
- Chemical Engineering Computation I & II
- Heat and Mass Transfer
- Separation Process
- Engineering Biomaterial
- Computer Aided Design and Plant Safety
- Dynamic and Process Control
- Pollution Control
- Industrial Safety
- Process System Engineering
- Microbiology for Engineers
- Biochemistry for Engineers
- Enzyme and Biomolecular Technology
- Bioreactor I & II
- Bioseparation Processes
- Food Engineering
- Pressure Vessel Design
- Utility Design and Heat Integration
- Workplace Communication
- Advanced Microbial and Cell Biotechnology
- Chemical and Biochemical Process Modeling
- Engineering Management
- Plant Reliability and Risk Assessment

(ii) Special Project:

- Integrated Project of production of Itaconic Acid through fermentation using *Aspergillus terreus*
- Integrated Project of production of aspartase through fermentation using *Escherichia coli*

- Integrated Project of production of polyhydroxybutyrate from *Alcaligenes eutrophus*

  The integrated project is a group project which enables us to build up teamwork. Specific dateline had been set by lecturer to complete this project. An oral presentation will be conducted to present our effort and a corrected version of report will be summated after the presentation. In this project, we will learn about the unit operation used in industry to produce the desired product. We will do research on the amount of the global demand and come out with the idea of the amount of product that we need to produce. The condition to operate each unit operation will also be considered.

(iii) Final Year Design Project - Production of n-butanol (biofuel) by using liquid glycerol

- This final year design project is a group project that students are required to design a plant to produce biofuel based on own creative and knowledge. Development of new design is very important to be outstanding when comparing with other group. In this project, all the detail and process to build a production plant will be list into the consideration such as the present market trend and also the future market trend and price. Software such as SuperPro will be use to run the simulation of the designed plant. Pressure vessel designs also need to be including inside this project based on the mass balance and capacity of the plant and the design will be present by using AutoCAD. Detail design of each unit operation, industrial safety, waste treatment process, control system and select suitable location are included in this final year design project.

(iv) Thesis – Effect of adding soy hydrolysate in culture medium of Chinese Hamster Ovary (CHO) cell to produce recombinant protein

- This thesis is a research regarding the adaptation of Chinese Hamster Ovary cell in cultivation medium which continuously reduce the amount of serum inside the medium and replace the serum with soy hydrolysate. The parameters used to determine suitability of soy hydrolysate include cell density and viability by using hemocytometer, production of lactate and uptake of glucose by using biochemical analyzer, metabolism activity by using MTT assay and production of β-galactosidase by using ELISA.

CO-CURICULUM

Year	Activity	Roles / Achievements
Dec 2012	NACES	Committee of competition
2011-2012	Kajai Chiness Club (KACC)	High Committee
Feb 2011	Ang Pau Fiesta Rahim Kajai Residential College 2011	President
Oct 2010	"Sambutan Hari Kemerdekaan" Rahim Kajai Residential College	Organizer
Sept 2010	Tanglung Fiesta Rahim Kajai Residential College 2010	Head of Department
July 2009	Malaysia National Chemistry Quiz 2009	Participant
May 2009	School Level Badminton Competition	Organizer
2008-2009	Photography Club	Secretary
2008 - 2009	School photography section	Organizer
July 2009	District level volleyball competition 2009	3rd Place
July 2009	Malaysia National Chemistry Quiz 2009	Participant
May 2009	National Level of writing Chinese Essay Competition	Participant
April 2009	Public Speaking competition	Participant
2008-2009	Librarian	High Committee
Nov 2008	Malaysian Chemistry Olympiad Quiz 2008	Participant

July 2007	State level Chinese Essay writing competition	Award of Excellent
July 2007	Malaysia National Chemistry Quiz 2007	Merit Award
July 2007	Malaysia National Physics Quiz 2007	Participant
2007	Chinese Student Club	Vice Treasurer
2007	School Magazine organization	Author

WORK EXPERIENCE

Quality Control and Process (internship) — June 2013 to Aug 2013
Kilang Sawit United Bell Sdn. Bhd
Enable to test the quality of palm oil produced and learn the process to produce palm oil from fresh fruit brunches. Able to work in a team and well communication skill with all level of staff in the company.

Attachment Teacher — Jan 2010 to May 2010
Sekolah Jenis Kebangsaan (Cina) Pei Chun 2
Enable to control the working environment and can communicate efficiently. Well emotional control and gain of team work spirit.

Sales Assistant and Cashier — Jan 2008 to May 2008
Fu Ee Trading Sdn. Bhd
Able to convey the information efficiently and effectively. Be patient and courteous when dealing with others and gain of leadership in working area.

SKILLS

(i) Language:

Malay	Excellent in writing and speaking
English	Good in writing and speaking
Chinese	Excellent in writing and speaking
Hokkien	Excellent in speaking

(ii) Computer:

Microsoft Word	Excellent
Microsoft Excel	Excellent
Microsoft Power Point	Excellent
Microsoft Visio	Good
AutoCAD	Good
MATLAB	Good
SuperPro	Medium
iCON	Medium

(iii) License:

Full current Driving license Good

INTEREST

Love to join outdoor activities and sports such as badminton and cycling. Enable to learn how to build up teamwork and well in communication with others. These activities enable me to maintain healthy lifestyle and able to relax my mind.

REFEREE

Prof.Madya Dr. Nurina Anuar
Coordinator for Biochemical Program
Department of Chemical and Process Engineering
Faculty of Engineering and Built Environment
University Kabangsaan Malaysia
43600 UKM Bangi
Selangor Darul Ehsan
Malaysia
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Dr. Shuhaida Harun
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