



Mohamad Saiful Bahari Bin Mat Daud
Bachelor of Engineering Major in Chemical
Engineering
The University of Queensland, Australia

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EDUCATION

Bachelor of Engineering major in Chemical Engineering
The University of Queensland, Australia, 2014-2016

Kolej Mara Kuala Nerang (3.94/4)

MRSM Merbok, SPM (3A+, 3A, 3A-) & PMR (6A2B)

EXPERIENCE

Air Kelantan Sdn. Bhd. (AKSB), Malaysia (Dec 2015-Feb 2016) (Intern)

- Assist the operators in day to day operation of the treatment plant including data recording and analyzing, and maintenance of process equipment, i.e. pumps. Motors, etc.
- Assist in laboratory duties including sample collection and analysis. Laboratory analysis performed include: pH, BOD, TSS, ammonia, and phosphorous.
- Identify faults in the operation of water treatment plant and take corrective action.

UberEATS Australia (Dec 2016-Feb 2017) (Part-time)

- Worked as an UberEATS delivery partner around Brisbane City Australia.

EXTRACURRICULAR ACTIVITIES

Official MASCA Queensland photographer (2015).
Official MASA (Malaysian Summit of Australia) photographer (2015).
MASA volunteer.

TECHNICAL SKILLS

Software Packages Ms-Office, MATLAB, Aspen Plus, Microsoft Visio, Aspen HYSYS

COURSEWORK PROJECTS

Visy VII paper mill - Determine, how and when process changes may be made in order to reduce water usage and manage waste water discharge. Mass balance is used for scenario testing on impact of the process changes that have been made.

Flowsheeting & Process Systems Analysis- Doing research on the post-combustion capture of power station CO₂, develop a process flowsheet for the capture and separation of CO₂, build a working model in ASPEN to solve the mass and energy balances for a process using monoethanolamine, and then carry out an in-depth analysis of the process to determine a range of performance related issues.

Final year project- Design a silicon carbide production plant which includes equipment detailed design, hazard analysis, plant layout and economic analysis. Software used: Aspen Plus, Microsoft Excel, Microsoft Word.

REFERENCES

ACADEMIC

Dr Greg Birkett
Academic

Advisor: Chemical
Engineering Faculty of
Engineering, Architecture
and Information
Technology, University
of Queensland, Brisbane,
St Lucia, Queensland,
4072, Australia.
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ACADEMIC

Mrs Farra Wahida
Shaarani

Transfer Degree Program
Course Coordinator
Section of Chemical
Engineering Technology,
Malaysian Institute of
Chemical and
Bioengineering
Technology, University
of Kuala Lumpur, 78000,
Alor Gajah, Melaka,
Malaysia.
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SCHOLARSHIP

Miss Siti Sholihah

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