



NASHRUNA BINTI ISMAIL

CIVIL ENGINEER



ABOUT ME

I am a 25 years old civil engineer, recently graduated from UNIMAS in Master of Engineering. I am highly organized and independent person with the ability to effectively coordinate tasks to accomplish projects with timelessness and creativity. I am interested to train myself into work experience and improve my skills.

LANGUAGE PROFICIENCY

Bahasa Malaysia



English



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EDUCATION

2015-2016 Universiti Malaysia Sarawak (UNIMAS)

Master of Engineering (Civil)

CGPA: 3.18

2010-2014 Universiti Malaysia Sarawak (UNIMAS)

Bachelor's Degree in Civil Engineering (Hons.)

CGPA: 3.00

2009-2010 Kolej Matrikulasi Labuan

Sains Fizikal

CGPA: 2.56

2004-2008 S.M. ST. Patrick

Sijil Pelajaran Malaysia (SPM) O-Level

4A 5B 1C



WORK EXPERIENCE

May 2017 Technical Executive at One Medicare Sdn Bhd

Worked as a Technical Executive at One Medicare HQ and the scope of work is to monitor, implement and maintain all civil systems, facilities/assets and associated equipment in the hospital environment setting which include planned maintenance, preventive maintenance, trouble shooting, breakdowns and carry out all assigned tasks. Technical solutions, support and report in accordance to the contractual obligations and statutory requirements are also part of the job scopes.

Oct 2014 Secretariat at 9th Asian Pacific Orthodontic Conference

Worked part time for a month as part of the event management team led by Mrs. Bibiana Pek for the orthodontic conference in the Asian Pacific region, the 9th APOC and 20th MAOISCTE held at the Borneo Convention Center, Kuching, Sarawak. The part time job consists of multiple tasks including managing the itinerary and transportation schedule of the participants and delegates from around the globe as well as making sure the venue is well prepared for the event.



COMPUTER SKILLS

- AutoCAD 2004-2014
- Microsoft Office
- Google SketchUp
- Orion
- Fortran
- EPANET
- SIDRA
- GeoStudio
- MathCAD

RELEVANT COURSEWORK

- Structural Analysis
- Geology
- Geotechnical Engineering
- Timber Engineering
- Engineering Management
- Water Resources Engineering
- Fluid Mechanics
- Structural Steel Design
- Hydrology
- Construction Technology
- Reinforced Concrete Design
- Soil Mechanics
- Transport Planning
- Concrete Technology
- Wastewater Engineering
- Civil Engineering Project Management
- Soft Soil Engineering
- Traffic Engineering and Safety

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June 2013 Internship at Majlis Perbandaran Tawau

Attended an internship at Majlis Perbandaran Tawau (MPT), Tawau, Sabah for three months. I was assigned as an Assistant Engineer for the Engineering Department. The job includes regular site inspection and data recording as well as helping to manage the Bill of Quantities and tenders for bidding.



AWARDS & CERTIFICATE

- Autodesk Certified Professional: AutoCAD 2014
- MUET Band 3
- Dean's List Award in 2013-2014 2nd semester (GPA: 3.61)
- Acquired University of Cambridge International Examinations Certificate
- Registered with Board of Engineers Malaysia



ACTIVITIES

- Attended AutoCAD Certified Professional Course
- Attended the International Competitions and Assessments for Schools in Mathematics (2008)
- Attended Australian Music Examinations Board (2004 & 2005)
- Taken part in the Malaysian National Chemistry Quiz (2008)
- Attended English Language courses (2008)
- School Prefect (2000 – 2003)
- Taken part in Nasyid Competition (2008)
- Attended School's Computer Technology Training Program (2002)
- Attended "Kursus Pembimbing Rakan Sebaya" (2007)
- Attended "Program Remaja Oh Remaja Siri 1" (2009)
- Taken part in ICT4ME Day (2009)
- Taken part in "Malam Apresiasi Seni Kolej Matrikulasi Labuan" (2010)
- Taken part in "Festival Nasyid Kolej Matrikulasi Labuan" (2010)



REFERENCES

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RESEARCH PAPERS

Title: Integrated Design Project (UNIMAS), 2013-2014

As a group of Structural Engineers designing 20 units shop houses (3-storey). The project focused on designing the reinforced concrete (slab, beam, column and foundation) and the steel structure (trusses, steel column, and connection). The design was carried out by using manual calculation and engineering software (Orion). The project includes other elements such as Project Management, Earthwork calculation, Geotechnical calculation, Drainage and Water Supply, Roadwork and Traffic design.

Title: Basic Strength Properties of Macaranga Aetheadenia at Small Clear (UNIMAS), 2013-2014

The objective of this research is to determine the strength and physical properties at air-dry conditions of Macaranga Aetheadenia as well as compare its strength to other medium hardwood and hardwood species in Borneo. The goal is to find a viable source for hardwood by testing fast-growing timber species for a more sustainable construction.

Title: A Comparison on the Use of Different Methods for Obtaining Chloride Concentration in Concrete Sample (UNIMAS), 2015-2016

The objective of this research is to compare on the use of three different methods for obtaining chloride concentration in concrete samples for every 5 mm intervals. The concrete sample that was tested is targeted with compressive strength of 40Mpa and slump of 50-100mm. The concrete is then will undergo salt ponding test for 90 days and dried before it is drilled. The concrete is then drill for every 5mm to obtain the concrete powder for every 5mm intervals and tested with different method in determining the chloride concentration. The test that was conducted in determining the chloride concentration is Mohr Titration Test, Silver Nitrate Colorimetric Test and Quantab Strip Test. This research is done in order to determine the chloride content and chloride penetration in concrete. With the understanding and knowledge on what is the best test in determining the chloride content in concrete, for certain case, corrosion in reinforcement can be repaired quickly or better yet to be avoided, especially in marine environment and bridge structure. There are not many studies done in determining the chloride concentration content. Therefore, it is very important to know the best method in determining the chloride concentration content so that the chloride concentration will be known accurately and quickly before the structure worsens.