

BIN XUAN KONG

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EDUCATION AND QUALIFICATIONS

Imperial College London

September 2018 - Present

MSc Advanced Computing

- Developed knowledge in declarative relational programming through Prolog
- Mastered the principles and practice behind machine learning algorithms, in particular deep learning

University of Manchester

September 2015 - June 2018

BSc(Hons) Computer Science and Mathematics

Classification: First Class

- Created a functional web application using HTML, CSS, PHP, MySQL and JavaScript for the first year team project as a team of six people over 11 weeks
- Tested, debugged, built, developed and deployed a multi-user, multi-threaded, client- server open source game containing over 6000 Java classes and 1800 test cases using Eclipse, Git, Apache Ant, Jenkins, JUnit, SonarQube
- Created a program that can generate Shakespearean-styled poems through natural language generation by training a neural network on a dataset which captures the language pattern for the third year project

Taylor's College Subang Jaya

January 2014 - June 2015

Cambridge International A Level: Chemistry (A*), Physics (A*), Mathematics (A*)

SAT Subject Test: Physics (720), Mathematics Level 2 (800)

Damansara Jaya Secondary School

January 2009 - October 2013

Lower Secondary Assessment: 8A

Malaysian Certificate of Education: 7A+, 2A, 1A-

Cambridge English Language (1119): 1A

WORK EXPERIENCE

Maxis

July 2017 - August 2017

Business Intelligence Intern

Kuala Lumpur, Malaysia

- Maxis is the leading communications service provider in Malaysia, providing a variety of communication products, applications and value added services for consumers, large enterprises and business owners.
- Interned at the Business Intelligent team, under the Information Services Division (ISD).
- Extracted and managed data in the database using Oracle SQL
- Created reports based on customer requirements using Qlik Sense
- Analysed and compared the back end data and the business data

EXTERNAL CURRICULUM

International Council of Malaysians Scholars and Associates (ICMS) November 2016 - March 2018

Secretarial Associate

International

- ICMS is a non-profit professional network of driven and passionate individuals designed to operate like a multinational organization that provides opportunity to experience working in a multi-national company
- Developed transferable skills through internal programs and by managing projects and portfolios
- Enhanced development in three main areas: leadership, intellectuality and career
- Experienced different industries through Industry Sector Hub

Enactus Manchester - SPOT Finance*Project Member*

November 2016 - June 2017

Manchester

- SPOT Finance runs workshops on a variety of financial aspects for students in colleges around Manchester
- Created the content of lessons which covered topics such as budgeting, saving and interest
- Developed transferable skills such as leadership, teamwork, communication and problem solving

Manchester Malaysian Night 2017*Lighting Director*

October 2016 - March 2017

Manchester

- Manchester Malaysian Night is an annual flagship event organised by the Malaysian Students Society of Manchester (MSSM) with the purpose of promoting the unique and diverse culture of Malaysia
- Created the light plot for the play and ensured that each light cue is triggered at the correct timing
- Improved creativity and communication skills as well as ability to follow technical and design instructions

Malaysian Students' Technology Conference*Sponsorship Ambassador*

June 2016 - August 2016

Kuala Lumpur, Malaysia

- Malaysian Students' Technology Conference is the first ever student-led technology conference in Malaysia, organised under Malaysian Students Society of Manchester (MSSM) in partnership with TalentCorp Malaysia
- Assisted the Sponsorship Director to seek potential sponsors who might be interested in collaborating and escorted sponsors and guests to the venue and liaised with the sponsors at the day of the conference
- Enhanced written and verbal communication skills and organisational skills

AWARDS AND ACHIEVEMENTS

Certificate of Excellence

June 2018

Awarded to the top 10% of graduating students of the School of Computer Science - The University of Manchester

International Excellence Undergraduate Scholarship

December 2015

Awarded one of the prestigious Undergraduate International Excellence Scholarships based on outstanding academic performance by the University of Manchester

Perfect Attendance Achievement Award

October 2012

Achieved a 100% attendance rate to Damansara Jaya Secondary School

RELEVANT COURSES

Computer Science

Software Engineering

Machine Learning

Symbolic AI

Advanced Algorithms and Imperative Programming

Cryptography and Networks Security

Mathematics

Linear Algebra

PDEs and Vector Calculus

Real and Complex Analysis

Mathematical Logic

Convex Optimization

TECHNICAL SKILLS

Computer Languages**Software & Tools**

Java, MySQL, C, C++, MATLAB, JavaScript, PHP, Python, Prolog

HTML, CSS, LaTeX, Git, jQuery

ADDITIONAL SKILLS

Music

Grade 6 Piano in Yamaha - Merit

Languages

Fluent English and Chinese

Basic conversational level Malay and Cantonese

References available on request