

TENGGU AMATULLAH ALYA BINTI T MOHD
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EDUCATION

The University of Iowa, Iowa City, IA
B.S.E Computer Science and Engineering
B.B.A Business Analytics
Minor in Mathematics

Anticipated Graduation Date: May 2019
GPA: 3.03/4.00

RESEARCH AND INTERNSHIP EXPERIENCE

- Iowa Center for Research by Undergraduates – Research Fellow June 2018 – August 2018
- Investigated thousands of students' responses to the Student Experience in Research University (SERU) survey
 - Quantified students' responses based on different themes and frequent terms used for each theme
 - Interpreted result of analysis to understand factors of a good undergraduate experience
- Intel Corporation – Undergrad Technical Intern May 2017 – August 2017
- Analyzed roughly hundreds of thousands incident tickets and data using text mining in R
 - Assisted the IT group to transition from corrective maintenance process to predictive maintenance process
 - Identified Top 5 incidents and errors around the globe to improve productivity
- Cyber Security Center, National Defense University of Malaysia – Intern June 2016 – August 2016
- Programmed using R language for data analysis and visualization
 - Analyzed tweets using bag of words text mining technique
 - Cooperated with supervisor on a conference paper by cleaning data of a PDF document

RELEVANT COURSE EXPERIENCE

- Data Mining
- Built multiple models such as Random Forest and Support Vector Machine with Rattle
 - Developed models to predict laptop prices based on data from Kaggle
- Intro to Software Design
- Programmed JAVA applications that implemented complex concepts such as polymorphism and concurrency
 - Created a multi-user chat GUI application for final project with two other students

LEADERSHIP EXPERIENCE

- Tippie Technology and Innovation Association – Vice President April 2018 – Present
- Organize the annual Tippie Tech Career Fair with 8 other executive board members
 - Advertise upcoming events to members weekly via email
 - Contribute to the annual year end Tippie College assessment of the organization
- Malaysian Student Society of The University of Iowa – External Vice President April 2018 – Present
- Serve as the secondary representative for the organization in any occasion
 - Build relationship and rapport with other Malaysian organizations from other universities
 - Discuss and make decisions with the president on managing the society
- College of Engineering – Student Ambassador August 2016 – August 2017
- Welcomed prospective students and gave tours of the College of Engineering
 - Identified international prospective students and promoted the university
 - Coordinated with 16 other students on an Engineering Day event for 150 participants
- University of Iowa Student Government – Asian Constituency Senator May 2016 – May 2017
- Coordinated with other senators on different initiatives that impacts the campus
 - Assessed issues on campus with university administration and ways to solve them
 - Strengthened relationships between the student government and different multicultural student organizations

COMPUTER SKILLS

R, SQL, Python, JAVA, C, C++, MATLAB, Git, Tableau, Linux

CONFERENCE PUBLICATIONS

Z. Zainol, P. Nohuddin, T. Mohd, O. Zakaria, "Text Analytics of Unstructured Textual Data: A Study on Military Peacekeeping Document using R Text Mining Package", International Conference on Computing Informatics 2017