

Nor Anis Fazlin

Kota Damansara, Selangor
anisfazlin.adib@gmail.com
+6011 4017 4452
<https://anisfazlin.github.io>

Summary

Third year Bachelor of Computer Science student, I am a skilled data analyst with expertise in Python and SQL. With a keen focus on being data-driven, I can extract meaningful insights from complex data sets and identify market opportunities to drive business decisions. Additionally, I have experience in software engineering, IT security, and project management, having collaborated with cross-functional teams. As a top-performing student, my strong emotional intelligence, critical thinking, problem-solving, and communication skills make me an excellent candidate for an internship in product management. I am eager to leverage my skills to design user-friendly technology products and create innovative solutions.

Tools

Software Engineering: DataGrip, C, C++, Python, Oracle, API, PostgreSQL

Data Analysis: PowerBI, Microsoft Excel, ChatGPT, Google Colab/Jupyter Notebook

Creative: Figma, Canva, Notion

Education

Bachelor of Computer Science (Honors)

(2021 - current)

IIUM, Gombak Selangor

Major: Data Science and Computational Intelligence

- Four-time Dean's List Award recipient with a GPA of above 3.50
- **CS coursework:** Data Mining, System Analysis Design, Programming, Human Computer Interaction, Fundamentals of Artificial Intelligence, IT Security, programming skills in Python, C++, and SQL.
- **Data coursework:** Data Analytics, Data Warehousing, Data Visualization, Data Modeling, Statistical Analytics, and Data Analytics.
- **Business coursework:** Business Analytics, Project Management, and UI/UX.
- Equipped with skills to identify market opportunities, use data to drive business decisions, manage projects effectively, design user-friendly technology products, write efficient code, and communicate insights effectively.

Expected Graduation: 2025

Industry Experience

Data Steward

(Aug 2022 - Feb 2023)

Maven Advanced Ventures Sdn Bhd

- Scripted and implemented data processing/cleansing and validation procedures to identify and correct errors and inconsistencies in census and electoral data sets
- Ensured that election and demographic data was maintained to a high standard of quality, accuracy, and completeness, and that data was consistent and reliable across the organization
- Utilized Microsoft Excel and Python to manipulate and analyze large data sets, identify errors and inconsistencies, and develop data cleansing and validation procedures
- Maintaining an understanding of data-related regulations and compliance requirements and ensuring that data is managed accordingly

Skills

Leadership

- Led the orientation process for over 100 new students by participating as a committee member in developing the Ihsan Sejahtera module
- Led the Website Workshop by teaching the participants the basics of HTML, CSS, and JavaScript, and enabling them to develop their own functional websites

CS skills

- Proficient in programming languages, including Python, C++, and C
- Ability to analyze complex data sets and provide valuable insights
- Proficient in SQL and Oracle for data management and reporting
- Experienced in the entire software development process, from analysis to deployment
- Skilled in data visualization and reporting using PowerBI

Soft skills

- Adaptable to learning new technologies and tools
- Strong emotional intelligence and communication skills
- Collaborative and effective in cross-functional teams
- A critical thinker with excellent problem-solving and decision-making skills.

Selected Projects

Parking Lot Automation Project

- Utilized Figma to develop a high-fidelity prototype of the solution, which received positive feedback.
- Collaborated with stakeholders to conduct research on existing parking lots in IIUM.
- Propose a new parking lot automation to solve the current parking issues in IIUM.

RiverRescue

- Led the user research and design process by gathering requirements from stakeholders, conducting user interviews, and creating user personas.
- Designed a mobile application aimed at encouraging users to help plant trees to recover the river in IIUM.
- Analyzed customer data and feedback to identify areas for improvement and inform product development decisions.
- Created high-fidelity wireframes and prototypes using Figma to showcase the application design, resulting in a user-friendly and engaging product.

Phishing URL Detection Using KNN Model

- Extracts 30 features from URLs to train a classifier. Analyzed the distinct characteristics of phishing URLs and their differentiation from legitimate URLs based on the Phishing Websites Features study.
- Based on the Kaggle dataset, implemented and evaluated the K-Nearest Neighbors (KNN) algorithm for classification tasks, achieving accurate results.
- Developed a user-friendly application that can assist users in identifying phishing URLs.

Sentiment Analysis for Antipodean Cafe Reviews

- Performs sentiment analysis on Antipodean Cafe customer reviews using TextBlob library to assign polarity scores and classify reviews, instead of pure NLP models.
- Generates visualizations like word clouds and bigram analysis to identify prominent terms in each sentiment class.
- Provides insights into customer satisfaction levels and areas of improvement for the restaurant.

Extracurricular Activities

- Completed a DataCamp certificate for Data Scientist, mastering key skills and techniques in data analysis, visualization, and machine learning
- Led the orientation process for over 100 new students by participating as a committee member in developing the Ihsan Sejahtera module
- Led the Website Workshop by teaching the participants the basics of HTML, CSS, and JavaScript, and enabling them to develop their own functional websites
- Attended the symposium on psycho-social disabilities and gained valuable insights and knowledge on promoting inclusion and accessibility for individuals with disabilities.

References

Ms. Fatin Amani Ali,
Maven Advanced Ventures Sdn Bhd
+6013 466 5465
amani@mvnadv.com

Dr. Nurul Liyana Binti Mohamad Zulkufli,
CS dept, IIUM
liyanazulkufli@iium.edu.my