

# MARLIYANA SURAYA BINTI MUKRIM

www.linkedin.com/in/marliyana-suraya  
+60 13 -2616748 | marliyanas@gmail.com  
No.10, Persiaran Teratai 6, Sungai  
Ramal Dalam, 43000 Kajang, Selangor  
<https://marliyanasportfolio.netlify.app>

## SUMMARY

A Computer Science graduate seeking a full-time position to apply and enhance skills in a professional setting. Proven ability to adapt quickly, work collaboratively in team environments, and demonstrate a strong commitment to learning and contributing effectively. Eager to leverage academic knowledge and internship experience to make meaningful contributions in a dynamic and innovative company.

## EDUCATION

10/2020 – 08/2024      **UNIVERSITI PUTRA MALAYSIA (UPM)**      **CGPA 3.83**  
Serdang, Selangor  
Bachelor of Computer Science (Computer System)

## WORK EXPERIENCE

03/2024 – 08/2024      **Roche Services (Asia Pacific) Sdn. Bhd.**  
Subang Jaya, Selangor  
Internship in Informatics (Product Analysis and Consultancy)

AICC (AI Content Creation) Team, Product Analysis & Consultancy Chapter  
Business Analysis & Consultancy Intern

- Contributed to AI-driven content creation projects, applying advanced analytics to enhance business solutions.
- Analyzed product requirements and provided actionable insights for the development and optimization of content strategies.
- Collaborated with cross-functional teams to align business needs with technical implementations.

### Skills and Tools Acquired

- |                         |              |                      |
|-------------------------|--------------|----------------------|
| • Synthesia             | • DialogFlow | • UiPath             |
| • Tango                 | • Vertex AI  | • Google Data Studio |
| • Google Cloud Platform | • Outsystem  | • Cloud Function     |

## SKILLS

- |   |  |   |
|---|--|---|
| • Programming Languages <ul style="list-style-type: none"><li>◦ Java, Python, Dart, SQL</li></ul> | • Languages <ul style="list-style-type: none"><li>◦ English, Malay, Korean</li></ul> | • Data Analytics <ul style="list-style-type: none"><li>◦ Tableau, RapidMiner, R, Google Data Studio</li></ul> |
| • Web Development <ul style="list-style-type: none"><li>◦ Javascript, HTML, CSS</li></ul>         | • Design and Analysis of Algorithms  | • AI (Artificial Intelligence) <ul style="list-style-type: none"><li>◦ Machine Learning</li></ul>             |
| • App Development <ul style="list-style-type: none"><li>◦ Flutter, Figma</li></ul>                |  |   |

PROJECTS (UNIVERSITY)

---

Analyzing the Changing Patterns of Human Populations  
Through Data Visualization

Final Year Project

Developed a cutting-edge Global Population Prediction system using machine learning on demographic datasets to offers insights into future population trends and presents the predictions through an interactive Flask and Python-based data visualization website.

RFID Smart Card Smart Door Lock System

Embedded System Programming

Developed an Arduino-based smart card door lock system using RFID technology. Engineered hardware components with an integrated LCD display for status updates and implemented seamless software operation in C++.

PROJECTS (INTERNSHIP)

---

Synthesia Chatbot Development

Team Project

Developed an advanced chatbot for the Synthesia chat community using data scraped from RocheWiki FAQs, integrated with Google Cloud Storage and DialogFlow. Implemented a fallback mechanism using Vertex AI with a grounding feature to ensure comprehensive and accurate responses. The chatbot prioritizes RocheWiki FAQs and provides cited source links, enhancing user support and engagement.

Onboarding Application Prototype

Internship Project

Developed OnboardPro, a comprehensive employee onboarding application prototype using Outsystem. The application includes company information, induction resources, curated links, and an FAQ section. Enhanced the onboarding experience by providing essential training modules and resources in a user-friendly interface."

Value measurement from user feedback

Team Project

Conducted statistical analytics to measure the value of Synthesia using user feedback. Analyzed user feedback data and visualized insights through Google Data Studio and Tableau, selecting Google Data Studio for its accessibility, ease of creating charts and graphs, and integration with other apps.

ACHIEVEMENTS

---

2020 – 2024                      Dean List 4 out of 6 Semesters

2022                                Hilti IT Competition 2022  
Semi-Finalist