

BEN LIM CHOONG CHUEN

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[LinkedIn Profile](#)
[GitHub Profile](#)

SUMMARY

Motivated Computer Science (Bioinformatics) undergraduate with a strong foundation in Python, data analysis, and AI concepts. Experienced in supporting automation and AI projects by building workflows, performing exploratory analysis, and contributing to machine learning tasks. Adept at problem-solving, learning new technologies quickly, and collaborating in diverse, fast-paced engineering environments to deliver impactful outcomes.

WORK EXPERIENCE

Smart Factory AI & Automation Intern | Renesas Semiconductor Sept 2025 - March 2026

- Spearheaded the development of the factory's first 24/7 unmanned automated workflows, establishing continuous operational capabilities.
- Reduced annual operational costs by ~¥1.7 Million JPY (~RM43,000.00) by designing and deploying in-house multi-layered flows utilizing Python and Machine Learning.

EDUCATION

Bachelor Of Computer Science (Bioinformatics) With Honours Oct 2023 - July 2026

Universiti Teknologi Malaysia, Skudai

- CGPA: 3.88 | Dean's List.
- PETRONAS Scholar Recipient (**No Post-Graduation Bond**).
- Official E-Sports Player (Valorant)

Diploma in Computer Science June 2020 - June 2023

Universiti Teknologi Malaysia, Kuala Lumpur

- CGPA: 3.96 | Dean's List.
- Secretary - Persatuan Mahasiswa Buddha

TECHNICAL SKILLS

- **Programming Languages:** Python, Flutter, R, Java, C++, PHP, JavaScript, HTML/CSS,
- **Machine Learning & Modeling:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow
- **Databases & APIs:** MySQL, MongoDB, Firebase, REST APIs
- **Others:** Automation (Microsoft Power Automate Desktop & Cloud)

PROJECTS

Breast Cancer Survivability Machine Learning Model

- Led development of a predictive machine learning model for Breast Cancer Survivability.
- Performed data cleaning, validation, and model training using Python (Pandas, Scikit-learn).
- Documented key findings and collaborated with team members to interpret outcomes.

UTM Lost & Found Mobile App

- Developed Flutter app with Auxiliary Police for reporting and tracking lost items within UTM.
- Integrated Firebase for real-time data storage and user authentication.

CERTIFICATIONS

- OSHE for Engineering Industry and Laboratory
- Data Analytics For Organization
- Design Thinking for Entrepreneur (DTE)