



TIMOTHY ADAMS JENUIL

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I am a dedicated and goal-oriented Computer Science student with a strong academic background. Proficient in various programming languages, I have successfully developed resourceful mobile and desktop applications that have received recognition in competitions. Eager to expand my skill set and gain valuable industry experience, I am actively seeking a 6-month internship opportunity that starts on August 1st, 2023.

Education

Bachelor in Computer Science (Hons.)

2021—2024

Management and Science University, Selangor

CGPA: 3.82

1x President's List Award

MUET: 4.0

7x Dean's List Awards

Foundation in Computer Science

2019—2020

Universiti Teknologi PETRONAS, Perak

CGPA: 3.86

3x Dean's List Awards

Pure Science

2014—2018

SMK Tansau, Sabah

SPM: 8A 1B

Best in Mathematics, Additional Mathematics, Physics, and
Computer Science subjects

(3A+ 2A 3A- 1B+)

Achievements

Apps Innovation Challenge (AIC)

Jul 2022—Mar 2023

Consolation Prize

- Developed EyeBuddy, a mobile application in Flutter, utilizing Python's convolutional neural network break-up time (CNN-BUT) algorithm for accurate detection of dry eye syndrome.

Oh My Code! (OMC) Programming Competition

Nov 2019

First-Runner Up

- Developed Shalivery, a desktop application in Visual Basic, to optimize and streamline the ordering and delivery process for UTP's Arabian restaurant.

Activities

GitHub Octernships & Open Source Exploration (GOOSE)

Mar 2023

Asia Pacific University, WP Kuala Lumpur

- Participated in open source and software development projects, gaining practical experience and mentorship.
- Leveraged the GitHub Student Developer Pack, accessing valuable tools and resources for professional development.
- Received internship experiences sharing, career advice, and valuable insights from tech leads and HR professionals at renowned companies.

AIBIM-INCEIF GIF22 Hackathon

Oct 2022

INCEIF University, WP Kuala Lumpur

- Developed an online forum for the Shariah scholar community, enabling efficient collaboration and decision-making for issuing Shariah decisions.

National Pre-UTPHax IoT Skill Development

Dec 2019

Universiti Teknologi PETRONAS, Perak

- Built a basic IoT device to demonstrate practical understanding of Internet of Things technology.
- Developed a program to control the IoT device using a web interface.
- Created a website to communicate with and manage the IoT device.

Projects

Smart Secure Access Application using Internet of Things

2023

** Bachelor's Final Year Project*

- Developed a mobile application called LockNRoll in Flutter for controlling a smart door lock like receiving doorbell notification, locking/unlocking door, capturing/retrieving image, and activating/deactivating alarm.
- Utilized 4 Firebase's services namely Authentication, Cloud Firestore, Real-Time Database (RTDB), and Storage for handling the backend of LockNRoll.
- Created programs for ESP32-CAM and ESP8266 to handle smart door locks components including easier Wi-Fi configuration.

MSU iReX 14.0 Infohunt eQuiz

2022

- Developed a simple website for the second checkpoint of Infohunt, allowing participants to play a quiz based on selected final year project's booth.

Technical Skills

Programming:

Comfortable: HTML5, CSS3, JavaScript, PHP, Java, Python

Familiar: Dart, C++, C# (Arduino & Unity), Visual Basic, PowerShell, Bash, Vim, Zsh

Technologies: Bootstrap 5, MySQL, Flutter, Firebase, OpenCV, Git

Operating Systems: Microsoft Windows, Ubuntu (WSL), openSUSE Leap

Languages

Malay: Native

English: Proficient