

# Darius Lee Shin

darius\_22003269@utp.edu.my | +60 18-572 8611 | linkedin.com/in/dariusleeshin-utp-cs/ | Ipoh, Perak | portfolio-site

Computer Science student specializing in software development with a strong proficiency in frontend development. Skilled in developing modern and responsive application with frontend technologies and user experience. I am eager to pick up new technologies and keep up on industry trends. I seek internship opportunities from **May 2025 to December 2025** to contribute to software development projects and gain valuable hands-on experience in software engineering industry while delivering innovative solutions.

## EDUCATION

Universiti Teknologi PETRONAS

**Bachelor of Computer Science with Honours**

Seri Iskandar, Perak

*Expected Graduation in Dec 2026*

- **CGPA: 3.96 / 4.00**
- **Dean's List Awards** for all semester in undergraduate. (Sept 2023, Jan 2024, May 2024 and Sept 2024)

## EXPERIENCE

**Frontend Developer; UTP E3S2 Hackathon**

*July 2024 – July 2024*

- Led a team of 4 to develop, and present a comprehensive web application, securing nomination on **Top 5 projects**.
- Designed and implemented the frontend using **HTML, CSS, and JavaScript**, focusing on **UI/UX design** principles.
- Planned and coordinated the product development process, successfully delivered a functional web application within a **3-day time constraint**.
- Continuously conducted investigation and brute-force testing to address edge-case scenarios and enhance the reliability on user experience during the judgement process.

## ACADEMIC PROJECTS

**CULTRA** - Social Media Platform for Cultural Industry | **Frontend Developer**

*June 2024 – July 2024*

- *GitHub link: <https://github.com/DariusShin/CULTRA>*
- Developed an **online platform** to boost cultural talent bookings and hiring rate of artists in Malaysia.
- Implementing **HTML, CSS, and JavaScript** for frontend web application development. Integrated with a robust backend using **PHP** and **XAMPP**, utilize third-party API such as **Swiper.js** to enhance user interactions.
- Emphasized on the opportunity in terms of scalability with features such as AI filtering system and personalized dashboards for both client and artists.

**SignScript** – Android-Based Hand Gesture Recognizer | **Developer & Designer**

*Jan 2024 – May 2024*

- *GitHub link: [https://github.com/DariusShin/SignScript\\_CAVE](https://github.com/DariusShin/SignScript_CAVE)*
- Engineered an **Android application** that achieving an **accuracy rate of 95% in recognizing each trained hand-sign gestures** and significantly improving communication for deaf-mute individuals.
- Built using **Kotlin, Java** and integrated a hand gesture recognition machine-learning model using **TensorFlow**.
- Demonstrated potential for scalability by allowing gesture customization and cross-language support.

## EXTRACURRICULAR

**Project Director**

*May 2024 – June 2024*

**AI/ML Workshop: Optical Character Recognition with TensorFlow**

- Conducted a **1-day physical workshop on UTP campus** focusing on **AI and machine learning**. It Foster hands-on experience and proficiency for in **TensorFlow** development through practical exercises.
- Engaged nearly **40 participants** and receiving positive feedback on the flow and participant experience on the workshop. **Generated income of approximately RM 600.00** through event registration, contributing to the financial sustainability of the MPU4 Community Service Group - EduNeX.
- Coordinated workshop planning and execution including invited an experienced instructor, **securing the venue 1 month before** the event, and having **effective communication with UTP staff** to ensure the workshop setup.

**UTP Campus Movie Night**

- Organized a movie night event on UTP Campus to reduce student stress upon studies and provide accessible entertainment, it targeted to **attract over 100 attendees from UTP**. Generated grand revenue of RM 350.00 through ticket selling.
- Coordinated the whole event planning and execution including **securing required tools and venue 2 weeks before** the event day, generating **9 MoM** within the time constraint, **maintained a comprehensive budget plan** to avoid overbudgeting, engage **effective communication with UTP staff** to ensure the smoothness of the event.

**Main Instructor**

Aug 2024 – Oct 2024

**SYNTECH TECH LAB Portfolio Website Bootcamp**

- Have the role as main instructor that carried out a **2-day online bootcamp** for UTP SYNTECH club on practical portfolio website building. Successfully engaged **30 participants** and receiving an average of **85% positive feedback** on the clarity and effectiveness of both session of the bootcamp.
- Provided hands-on experience with **HTML, CSS, and JavaScript for frontend development**, integrating **sheetdb.io API** for linking web applications with Google Spreadsheets, and deploying the web application using **Firebase**.
- Delivered participants the essential web development skills they needed to **improve their employability** in the IT sector by **assisting them build their first personal websites from scratch**.

**AWARDS & ACHIEVEMENTS**

---

- **Rising Star Award** in “**Oh My Code! (OMC)**” Programming Competition
- *RunCloud Education: Cloud Computing Fundamental*
- *CISCO Networking Academy: JavaScript Essential 1*
- *CISCO Networking Academy: JavaScript Essential 2*
- *Coursera: AJAX for Web Developers*

**SKILLS**

---

- **Programming Languages:**  
JavaScript (Intermediate), Dart (Basic), Java (Basic), Python (Basic), C++ (Basic)
- **Frontend:**  
HTML 5 (Intermediate), CSS 3 (Intermediate), React.js (Basic), SCSS (Basic), Flutter (Basic)
- **Backend:**  
SQL (Basic), Firebase (Basic), MySQL (Basic), Supabase (Basic)
- **UI/UX Design:**  
Figma (Basic – Wireframing, Prototyping), Canva (Basic – Branding, Design)
- **Version Control:**  
Git, GitHub (Basic – Create Repository, Branching, Merging, Conflict Resolution)
- **Languages:**  
Mandarin (Native), Cantonese (Native), English (Fluent), Malay (Fluent)

**REFERENCES**

---

**Khaironi Yatim Sharif - AP Ts Dr**

Associate Professor

Computer &amp; Information Science Department

+60 5-3687427

khaironi.sharif@utp.edu.my