

Muhammad Hadif Bin Mohd Hatta

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PROFILE

A final year Bachelor of Computer Science student, seeking a **6-months internship placement**, starting March 2025 to September 2025. Proficient in all phases of the software development lifecycle, including specification, design, development, testing, and maintenance. Possesses extensive knowledge and hands-on experience in developing applications for mobile, desktop, and web platforms.

EDUCATION

International Islamic University Malaysia	Oct 2021 – <i>Present</i>
Bachelor of Computer Science (Hons)	CGPA 3.72
International Islamic College, Kuala Lumpur	Sep 2017 – Feb 2020
Diploma in Computer Science	CGPA 3.66

WORK EXPERIENCE

Kosangas LPG Sdn Bhd, Penang	Aug 2020 – Jan 2021
Desktop App Development Freelance	
<ul style="list-style-type: none">Developed a desktop-based Decision Support System (DSS) called “Elixir Filling Head Product Matrix” using .NET Framework and WPF to streamline the valve selection processes, enabling workers to make informed decisions quickly and accurately.Leveraged a throwaway prototyping methodology, iteratively developing and refining the software based on continuous stakeholder feedback to ensure a user-friendly and effective solution that met the company’s specific needs.	
KidoCode, Kuala Lumpur	Dec 2019 – Feb 2020
Computer Science Intern / IT Trainer	
<ul style="list-style-type: none">Collaborated on the development of a web-based Geographical Information System (GIS) platform called “Kproject.GIS” to identify strategic locations for new branch openings.Worked simultaneously as an IT Trainer instructing children (ages 5 to 17) in coding, mobile app development, and electronics, covering HTML, CSS, JavaScript, Python, block coding, Arduino, and C++.	

PROJECTS

SkinMnemonist	May 2024 – <i>Present</i>
Final Year Project <i>during</i> Bachelor’s Degree	
<ul style="list-style-type: none">Developed a skincare product usage tracker app for Android, built using Jetpack Compose, Jetpack Glance, and Room database, adhering to Google’s Material 3 design principles.Published an early access version on the Google Play Store through Google Play Console, gathering user feedback for iterative improvements.	
Kproject.GIS	Dec 2019 – Feb 2020
Project <i>during</i> Diploma Internship	
<ul style="list-style-type: none">Utilized Python and BeautifulSoup to scrape location data (shopping malls, tuition centers, and schools) for strategic branch placement analysis.	

- Developed a RESTful API to integrate scraped data into a MongoDB database, ensuring efficient data storage and retrieval.
- Built an interactive web application using Heroku, Leaflet.js, and Flask for visualizing geographical data, enabling stakeholders to make data-driven decisions.

Pastel UX

Jun 2020 – Oct 2021

Personal Project

- Developed a pastel-colored icon pack application for Android launchers, using Kotlin and the native Android development framework.
- Designed vectorized icons using Adobe Illustrator, adhering to Google's Material Design icon guidelines for consistency and aesthetic appeal.

TECHNICAL SKILLS

Programming Languages (including Markup)

Kotlin, Java, Dart, JavaScript, Python, PHP, C#, C++, Lua, R, HTML, CSS.

Frameworks, Libraries, and Toolkits

Flutter, Jetpack Compose, Node.js, React, Next.js, Flask, .NET Framework, WPF, Tailwind CSS, Java Swing, JavaFX, Vite, npm, ESLint, Git.

Deployment Platforms

Heroku, Vercel, InstallShield, Google Play Console.

Design Tools

Figma, StarUML, draw.io, Adobe XD, Adobe Illustrator, Adobe Photoshop.

Databases

MongoDB, phpMyAdmin, Microsoft Access, SQL, NoSQL.

LANGUAGE COMPETENCIES

Malay – Fluent / Native

English – Proficient (CEFR C2)

ACHIEVEMENTS

- Achieved 100K+ installs for Pastel UX app on the Google Play Store.
- Dean's List in every semester (2021 – 2024) for Bachelor of Computer Science.
- Dean's List in semesters 2, 5, and 6 (2017 – 2019) for Diploma in Computer Science.

ACTIVITIES AND INVOLVEMENTS

- Lead Server Admin for CIVESA Minecraft Town Planning Competition 2024.
- Server Admin Committee for CIVESA Minecraft Town Planning Competition 2023.
- Active Member of Jauhar Urban Farming community project 2024.
- Active Participant in Flood Relief Squad 2021 (Hulu Langat & Bentong).
- Special Analyst for IIC Debate and Speech Club (IDEAS) in 2019.

REFERENCES

Asst. Prof. Dr. Nurul Liyana M. Zulkufli

Student Industrial Attachment Programme Coordinator

Department of Computer Science,

International Islamic University Malaysia

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