



# MUSTAQIM BIN BURHANUDDIN

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## PROFESSIONAL SUMMARY

I am a *Mathematics-Computer Science* student at *UC San Diego* with a strong passion for software development and data management. My technical skills include proficiency in *Java, Python, React, Node.js, Express.js, PHP, NoSQL, MySQL, and MatLAB*. As a *Yayasan Khazanah* scholar, I have honed my leadership, problem-solving, and communication skills, allowing me to manage projects and collaborate with teams effectively. I am eager to apply my expertise in software development and data analysis in a Summer 2025 (June – September) internship to further develop my technical capabilities and contribute to impactful projects.

## EDUCATION

<b>BS, Mathematics-Computer Science (3.9 GPA)</b> University of California, San Diego, United States Expected Graduation: June 2028 (2nd Quarter)	<b>Cambridge International A-Level (3A 1B)</b> Kolej Yayasan UEM, Selangor, Malaysia Graduated: June 2024
<b>Malaysian Certificate of Education, SPM (9A+ 1A)</b> SMK Bachok, Kelantan, Malaysia Graduated: January 2022	

## EXPERIENCE

<b>Fullstack Web Game Developer</b> In The Shoes (HERO Society), Kuala Lumpur, Malaysia	December 2023 - June 2024
<ul style="list-style-type: none"><li>Developed a Visual Novel Game ("In The Shoes") using ReactJS, HTML, and CSS-Tailwind to raise awareness about urban poverty, receiving positive feedback from 50 test users within the first test run.</li><li>Led a front-end development team of 5 members to design an immersive gameplay experience, coordinating with designers and developers to ensure aesthetic quality and functionality, receiving positive feedback from 90% of testers.</li></ul>	

## INVOLVEMENTS

<b>Treasurer</b> Malaysian Student Association @ UC San Diego	March 2025 - Current
<ul style="list-style-type: none"><li>Managed financial planning and budgeting for events, conducted cost analyses, and provided strategic recommendations to ensure efficient use of resources. Led meetings to address student concerns and oversee the management of the ~50-member Malaysian student community at UC San Diego.</li></ul>	
<b>Co-Founder &amp; Co-Director</b> Kelantan Educational Resource Initiative for Students (KERIS)	April 2023 - September 2024
<ul style="list-style-type: none"><li>Co-founded and co-directed an organization focused on scholarship exposure for rural students in Kelantan, successfully engaging over 150 students in educational initiatives.</li><li>Launched the flagship annual Mock Interview Event, providing scholarship support to over 150 high school graduates, resulting in a 71% increase in scholarship receivers among participants.</li></ul>	

## PROJECTS

<b>KERIS Official Website   </b> <a href="https://github.com/piqim/kerisfullstack">https://github.com/piqim/kerisfullstack</a>	March 2025
<ul style="list-style-type: none"><li>Developed a full-stack website using the MERN stack to provide a comprehensive roster of mentor scholars and scholarship information, ensuring accessibility for students and aspiring scholars.</li><li>Designed and implemented key features, including a searchable mentor directory and scholarship database, to enhance user experience and facilitate informed academic decisions.</li></ul>	
<b>NOTICIAS News Website   </b> <a href="https://github.com/piqim/kynews">https://github.com/piqim/kynews</a>	December 2022
<ul style="list-style-type: none"><li>Designed and developed a fully dynamic news website for the college's journalism club, featuring a robust back-end structure and database that facilitated real-time content updates.</li><li>Optimized load times by 40% by utilizing MySQL, PHP, and JavaScript, enhancing user experience</li></ul>	

## REFERRAL

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## TECHNICAL SKILLS

Programming (*Java, Python, C++*)  
Fullstack Development (*MERN, PHP, HTML and CSS*)  
Database Management(*MySQL and NoSQL*)  
Microsoft Office (Word, Excel)  
Data Analysis and Algorithm Development (*Matlab*)