

# LAU SHENG CHER

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## SUMMARY

Third-year computer science student with experience in full-stack web development using HTML, CSS, JavaScript, TypeScript and more. Passionate about staying up-to-date with the latest technologies and trends in the field. A dedicated team player who collaborates effectively to achieve project goals. Applying for an internship as a Software Engineer at Intel.

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## PROJECTS

### **Social Forum | Universiti Malaysia Terengganu | November 2022 - Present**

- Built with Next.js, Mantine UI, Apollo Server, GraphQL and Prisma.
- Developed using a microservice architecture, which allowed for greater scalability and maintainability.
- Leveraged version control tools such as Git to maintain code quality.
- Implemented features such as discussion forums, communities, private messaging, and user profiles.
- Demonstrated proficiency in web development, database management, and project management skills.

### **Luxury E-Commerce | Universiti Malaysia Terengganu | November 2021 - January 2022**

- Integrated third-party service Stripe for secure payment processing and deployed the application on Heroku.
- Utilized Node.js as the primary back-end technology and employed client-server architecture.
- Coordinated with team members to curate and edit all products featured on the platform.
- Gained experience in developing e-commerce applications using modern web technologies.
- Leveraged version control tools such as Git to maintain code quality and enable seamless collaboration with team members.

### **Online Banking System | Universiti Malaysia Terengganu | April 2021 - July 2021**

- Mainly built with Java Swing.
- Created a custom encrypted database to securely store user information.
- Implemented password hashing using bcrypt for added security.
- Connected with API to exchange currency according to real-time exchange rate.
- Demonstrated proficiency in Java swing and Object-oriented programming concepts.

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## EDUCATION

**Bachelor Degree of Computer Science with Maritime Informatics | Minor in Maritime Informatics | Universiti Malaysia Terengganu | Terengganu | 2024 | 3.96**

**Malaysian Higher School Certificate | Heng Ee High School | Georgetown, Penang | 2019 | 2.34**

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## COURSEWORK

**Web Application Development, Web-based Interface Design, Data Structure and Algorithm, Cybersecurity | Universiti Malaysia Terengganu | Leadership | 2021**

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## SKILLS

**Programming : Java, Kotlin, Python, Lua, JavaScript, TypeScript**

**Database : MySQL, SQLite**

**IDEs: Visual Studio Code, Netbeans, IntelliJ IDEA**

**Frontend Frameworks and Libraries: React, Next.js**

**API technologies: REST, GraphQL**

**Version Control System: Git**