

Shen Wei (Kyle) Leong

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EDUCATION

PURDUE UNIVERSITY

Jan 2020 – Dec 2022 (Expected)

B.S. Computer Science

GPA: 3.81

Awards: Dean's List & Semester Honors (Spring '20)

TECHNICAL SKILLS

Languages: Expert in Java, HTML/CSS, JavaScript, C/C++, SQL; Familiar with Python, R, BASH, Git

Frameworks: Experience with React.js and Bootstrap

Databases: Capable in MySQL, SQLite

OS: Expert in Windows, Linux, Linux kernel

PROFESSIONAL EXPERIENCES

ACCENTURE SOLUTIONS

Sep 2019 – Dec 2019

Information Technology Infrastructure Intern

- Managed the client's software and hardware implementation tickets by bridging communication with vendors and engineers.
- Remotely collaborated with a team of engineers at the client's site in Shanghai to establish 25,000 ft² of network coverage in a warehouse within 2 months.
- Performed a regional printer cleanup across APEC by deploying a mass ping bot and communicating with local IT managers, resulted in a savings of \$17,000.

SUNWAY UNIVERSITY

Jun 2019

Research Assistant

- Taught block coding to beginners to identify the most efficient way to teach programming languages.
- Assembled, coded, and evaluated up to 15 robots capable of following a line using Arduino.

VOLUNTEERING EXPERIENCES

PROJECT 1611 – Yud'dha Freedom (Battle for Freedom)

Nov 2018 – Jun 2019

Marketing and Public Relations Coordinator <https://project1611sl.wixsite.com/mysite>

- Launched Project 1611 as an NGO to empower under-privileged women and children in Nepal by gathering a group of driven youth, successfully executed a large-scale fundraising sports carnival in Kuala Lumpur.
- Influenced 100 youths to participate and gained 6 corporate sponsorships, raised over RM7,000 through ticket and merchandise sales. All funds were donated directly to Wonderworks Asia.

PROJECTS

PERSONAL WEBSITE: www.shenweileong.com (Actively updating)

- Developed an interactive website using HTML/CSS and JavaScript, gaining 150+ user traffic.
- Deployed and maintained using a web hosting technology provided by Netlify.

GROUP CHAT

- Created using Java with a client-server, supports up to 500 users to exchange messages concurrently.
- Resolved the issue of multiple clients clashing from modifying the same data by applying the concept of multithreading and thread synchronization into the application.

INVENTORY MANAGEMENT SYSTEM

- A 3-tier architecture software with CRUD operations, featuring a simple and interactive user interface; built using Java, JavaFX, and MySQL to quicken the inventory management process.
- Partnered and collaborated with a colleague, implemented the application within 2 weeks.

AWARDS & ACHIEVEMENTS

- Top 20% - Facebook Hacker Cup (2020)
- TL-Model UN Highest Commendation Award (2018)
- Dale Carnegie Highest Achievement Award (2018)

COURSEWORKS

- OOP • Data Structures • Linear Algebra
- Front-end Development • CS Fundamentals
- Android Development • Discrete Math