

Ka Kit Leng

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EDUCATION

Western Michigan University (WMU)
Bachelor of Science in Computer Science

CGPA: 3.75/ 4.00

Awards: Honors College, CEAS Dean's List (2020 – 2023), Computer Science Departmental Scholarship

Kalamazoo, MI

Graduated: April 2023

SKILLS

Programming: Golang, JavaScript, Typescript, PHP, Python, C, R

Web & Frameworks: Vue.js, Nuxt.js, Sass, CSS, Tailwind

DevOps & Cloud: Digital Ocean, Azure, Docker, Portainer, Airflow

Databases: Oracle, Postgres, MySQL

Enterprise Systems: Ellucian Banner, Active Directory

PUBLICATIONS

- Researched and designed a real-time inventory tracking system for a plant distribution company. Leng, Ka Kit, "Rack Tracking System for Bert R. Hybels, Inc" (2023). *Honors Theses*. 3634. https://scholarworks.wmich.edu/honors_theses/3634

WORK EXPERIENCE

Kalamazoo Valley Community College | Kalamazoo, MI

System Analyst/Developer

Jul 2023 – present

- Improved access to academic and employee information for 20,000+ students and staff by launching and enhancing public-facing sites, including the course schedule and staff directory.
- Streamlined administrative workflows and reduced manual errors by designing internal tools in collaboration with multiple departments.
- Engineered an identity lifecycle automation platform integrating Google Workspace, Azure, Active Directory, and Banner to automate account provisioning, deprovisioning, and cross-system synchronization, significantly reducing manual administrative workload.
- Modernize legacy PHP scripts that interface with Salesforce and vendor SFTP pipelines by migrating workflows to Apache Airflow, improving scalability and maintainability.
- Implemented CI/CD pipelines and containerized applications using Docker, Docker Hub, and Portainer to streamline deployment and improve system reliability.

Western Michigan University | Kalamazoo, MI

System Programming Supplementary Instructor

Sept 2022 – Apr 2023

- Improved the scores of 20+ students by an average of 5% by leading review sessions on C programming, memory management, and Linux-based development.
- Created an inclusive learning environment that increased student assignment completion and understanding, helping struggling students gain confidence in tackling complex programming problem.

Accenture | Kuala Lumpur, Malaysia

Contractor Intern

Jul 2021 – Aug 2021

- Secured a \$100,000 client project by designing a conversation flow for a chatbot that demonstrated clear business value to Maxis, a leading telecom provider.
- Boosted developer efficiency by producing comprehensive System Integration Diagrams that clarified data and component interactions across multiple teams.
- Enabled smooth rollout of Salesforce implementation by collaborating with testers to identify and resolve critical defects, reducing launch risk for the client.

ADDITIONAL EXPERIENCE

Google Developer Student Club – Event Director | Kalamazoo, MI

Sept 2022 – Apr 2023

- Directed events and workshops with industry professionals (e.g., VMware), equipping 100+ students with technical skills and career insights through talks, hackathons, and hands-on sessions.