

Hung Thanh Lay

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Education

California State Polytechnic University, Pomona, California

Master of Science in Computer Science

California State Polytechnic University, Pomona, California

Bachelor of Science in Computer Science

Experience

Lobel Financial — Software Engineer

April 2024 - Present

- Develop and maintain scalable React.js applications for enterprise financial software systems.
- Implement new software features, enhance existing functionality, and improve frontend application performance.
- Troubleshoot production issues, debug application defects, and create unit tests to improve software reliability.
- Collaborate with developers and stakeholders in agile environments to deliver production-ready solutions.

Coding Minds Academy — Software Engineer

February 2020 – April 2024

- Developed and maintained dynamic full-stack web applications using React.js, Node.js, and LoopBack.
- Worked closely with leadership and cross-functional teams to deliver scalable educational software solutions.
- Streamlined educational workflows through automation and integrated management tools.
- Contributed to system architecture decisions and feature enhancements for long-term platform scalability.

PeakCommerce Software — Software Engineer Intern

January 2019 – March 2019

- Contributed to cloud-based software solutions using microservices and event-driven architectures.
- Developed frontend functionality for enterprise cloud applications and customer-facing systems.
- Collaborated with architects, UX designers, product owners, and engineering teams throughout the software lifecycle.
- Assisted with deployment, troubleshooting, and integration efforts across cloud platforms.

SWCH LLC — Full-Stack Developer Intern

June 2017 – August 2017

- Developed full-stack product sales and management applications using the MEAN stack (MongoDB, Express.js, Angular, Node.js).
- Developed features including blog integration, affiliate systems, and mass-deal functionality.
- Improved application usability and supported frontend/backend feature development.

Technical Skills

- **Languages:** JavaScript, TypeScript, Java, Python, C++, C#
- **Frontend:** React.js, Angular, HTML5, CSS3, Material-UI
- **Backend:** Node.js, Express.js, LoopBack, Scala.js
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Cloud & Tools:** AWS, Docker, Heroku, Git, Jira, Grails

Additional Information

- **Trilingual:** English, Vietnamese, Mandarin Chinese, Cantonese.