Hung Thanh Lay

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Education

California State Polytechnic University, Pomona, California

Master of Science in Computer Science

GPA: 3.86/4.0

Relevant Subjects: HCI, Scheduling Algorithms, Machine Learning

Completion: Fall 2019

California State Polytechnic University, Pomona, California

Bachelor of Science in Computer Science

Completion: Spring 2016

Experience

Software Engineer - Coding Minds Academy   February 2020 - Present

- Created dynamic React.js web app for superior front-end user experience.
- Utilized Node.js and Loopback to architect efficient APIs linking to backend data sources.
- Designed and crafting an innovative information software system tailored for academic management.
- Developed an academic management system encompassing diverse functionalities, including comprehensive user role management, feedback, invoice generation, scheduling, and notifications.

Software Engineer Intern – PeakCommerce Software   January 2019 – March 2019

- Deliver the best-in-class customer experience by designing, developing, integrating, deploying, and troubleshooting on software front-end technologies for developing cloud solutions using Microservices, Event-driven system, cloud-based tools, infrastructure and storage.
- Collaborate with principal Architects, Engineer, UX designer, Senior Product Owner(s) and several development team members throughout the product lifecycle, producing timely and top-quality deliveries on our cloud platforms.

Full-Stack Developer Intern - SWCH LLC   June 2017 – August 2017

- Creating a web application with Meteor, React, Node, and MongoDB for product sales and management.
- Developing new features, including seamless blog integration, dynamic affiliation implementation, and efficient mass-drop deal mechanisms.

Projects

Centralized Database Structure for Apps   Spring 2017

- Develop an app that has some features to share across the apps (notification, reminder and etc.)
- Sync up the centralize database with individual apps.

Player Connect   Fall 2018

- Using MEAN-stack web development in Angular, and MongoDB.
- Development includes a web service for gamers to connect and team up, share game tips and tricks.
- Develop a chatbot by using Socket.io so gamers can chat and connect together.

Skills

- **Programming Languages**: Java, JavaScript, TypeScript, C++, C#, Python
- **Front-end Frameworks**: React.js, Angular
- **Back-end Frameworks**: Node.js, Loopback, Express.js
- **CSS Frameworks**: HTML5, CSS, Material-UI
- **Databases**: MongoDB, MySQL
- **Tools**: AWS, Heroku, Docker, Jira
- **Others**: Git, Grails, Knockout.js

Others

Trilingual: English, Vietnamese, Chinese Mandarin and Cantonese.