

## 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: June 2016*

### Experience

#### Internship with SWCH LLC

June 2017 – August 2017

- Learn Full-stack web development in Meteor, ReactJS, and MongoDB.
- Development includes front-end design, back-end, and database management.
- Develop new features for SWCH.com such as blog implementation, massdrop deal implementation, affiliation implementation.

#### Internship – 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.

### Projects

#### Android game Tic Tac Toe

Summer 2016

- Designed an android tic-tac-toe game by applying Alpha-beta pruning algorithm to determine computer move.
- First player to get 5 in a line (a row, a column, or diagonals) will win the game.

#### Centralized Database Structure for Apps

Spring 2017

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

#### Player Connect

Fall 2018

- Using MEAN-stack web development in Angular2 and MongoDB.
- Development include 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.

#### ShareMyWork (in progress)

- Developing a web application by using React.js.
- It can be used as a web service for K-12 students share their coding projects.
- Using LoopBack as a framework for creating APIs to connect with backend data sources.

### Skills

- Programming language: Java, C++, Python, JavaScript.
- Familiar with HTML5, CSS, ReactJS, MySQL, MongoDB.

### Others

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