



# Chan In Kou

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 [chaninkou.github.io](https://github.com/chaninkou)

## Education

California State University, Los Angeles  
B.S. Computer Science

GPA: 3.486, Graduating May 2020

## Work and Portfolio

**GitHub:** [github.com/chaninkou](https://github.com/chaninkou)

**LinkedIn:** [linkedin.com/in/chaninkou](https://linkedin.com/in/chaninkou)

**LeetCode:** [leetcode.com/chaninkou](https://leetcode.com/chaninkou)

## Technical Skills

Proficient with:

- **Java** (Servlets, Beans, MVC, Eclipse)
- **JavaScript** (Vue.js, AngularJS, Node.js)
- **HTML/CSS** (Bootstrap)
- **MySQL** (DBeaver)
- **Agile Development** (CA Agile Central)
- **Git** (Git Bash)

Familiar with:

- **Python** (Jupyter Notebook, PyCharm)
- **Kotlin** (Android Studio, **Firestore**, IntelliJ)
- **C#** (Unity, Visual Studio)

Other Skills:

- **Trilingual** in English, Cantonese and Mandarin (read, write, speak)

## Activities

**STEM Advantage, Scholar** 2017 - Present

- Attended social/networking events at Pivotal Labs, FabFitFun and Sony Pictures Studios.

**CSULA Association of Computing**

**Machinery, Member** 2016 - 2018

- Attended informational workshops that programmed in Java, C++, Python and HTML/CSS.

**EMHS Basketball Team** 2011 - 2015

- Focused on communication and cooperation for teamwork.

## Work Experience

**Software Developer Intern, Farmers Insurance**, Woodland Hills, CA  
June 2019 - August 2019

- Developed a **Java** Web Application using the **MVC** architecture and Object Oriented programming with **Spring Framework** to build **REST API**.
- Reduced time and cost for the team independently by implementing **automation** testing for Chrome Web Browser with **Selenium** using Java.

**Software Developer Intern, Farmers Insurance**, Woodland Hills, CA  
June 2018 - August 2018

- Improved a Front-end web development by using **AngularJS** and **Node.js**.
- Utilized API calls more effectively by optimizing previous **SQL** queries.
- Increased the team testing speed by using **Mockito** framework with JUnit.

**Supplemental Instruction Leader, Cal State LA EOP**, Los Angeles, CA  
January 2018 - May 2019 (Seasonal)

- Provided academic assistance to a group of **20 students** by developing a collaborative learning environment and preps under hard deadlines.

## Projects

**Automated Animal Feeder Software (Java, Eclipse, team of four)**

- Collaborated with a team of four using **GitHub** and demonstrated a JavaFX GUI-based program demo in front of **seventy audience members**.

**Library Management System (MySQL, ER model, schema design)**

- Built a library **database** with triggers to enforce the database constraints.
- Created procedures that allows users to borrow, renew and return books.

**Google's Static Maps API Location Finder (Vue.js, JavaScript, HTML)**

- Created a Single Page Component that will dynamically display the location.

**Yelp's API Command-Line Interface (JavaScript, Visual Studio Code)**

- Designed a custom module that allows users to select from a search result, and then fetch details about businesses with direct HTTP calls to Yelp's API.

**Campus Restroom Finder (Kotlin, Android Studio, team of five)**

- Built an app that operates as a restroom directory and review forum.

**First Person Shooter Game (C#, Unity, team of two)**

- Implemented **Enemy AI** to be able to detect, chase, and attack player.



## Volunteer and Community Service

**Google Project: Cascade the Code, Cal State LA**

April 2017

- Provided examples of HTML/CSS and JavaScript to **eight** students.