

## CONTACT

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## SKILLS

### Programming Languages

Java  
C & C++  
SQL  
HTML & CSS  
Shell Commands  
PHP  
JavaScript  
Bash  
Lisp

### Methodologies

SOLID Principles  
TDD & BDD  
Agile Development  
Object Oriented Programming  
Model View Controller Architecture

### Development Tools

Git  
IntelliJ IDEA  
Visual Studio IDE  
Arduino  
Squirrel SQL

### Frameworks

Spring Java  
Maven  
JUnit, Cucumber, Mockito  
Hibernate

### Spoken Languages

English, Korean, Japanese

## COURSEWORK

Computer Network  
Artificial Intelligence  
Formal Languages and Automata  
Algorithms and Complexity  
Database Systems  
Operating Systems Principles  
Computer Systems Architecture

# Sung Hyun (Jason) Yoon

## EDUCATION

University of California, Los Angeles  
B.S. in Computer Science and Engineering (3<sup>rd</sup> year, graduating Jun 2017)  
Major GPA: 3.81/4.00      Overall GPA: 3.73/4.00

## EXPERIENCE

**Software Engineering Intern, Ticketmaster** Jun 2015 – Sep 2015  
- Built a new RESTful web service in Java following MVC pattern, TDD & BDD  
- Implemented various APIs that utilize databases  
- Deployed the service with continuous integration via Jenkins and Rundeck  
- Integrated API documentation tools and helped build an endpoint UI

## PROJECTS

**In Kitchen** (Team Project) Nov 2014  
- Built a web app that takes available ingredients and generates corresponding recipes  
- Mostly worked on frontend in JavaScript and CSS

**Portfolio Website** (jasony0206.github.io) Sep 2014 – Present  
- Constantly renovating my personal website for portfolio purpose  
- Studying HTML, CSS, JavaScript, jQuery, Bootstrap, etc.

**B+ Tree Database Index** Feb 2014  
- Implemented a B+ tree index in C++ for a movie database as a class project at UCLA  
- SQL query test results show significantly reduced disk IOs

**Tetris Motion** Oct 2015  
- Built a Java implementation of Tetris with Leap Motion sensor as an input device

## EXTRACURRICULAR

**Rocket Project, UCLA AIAA** Sep 2015 – Present  
- Helping design and implement a deployable payload using autopilot software

**Micromouse, UCLA IEEE** Oct 2014 – Jun 2015  
- Designed an autonomous maze-solving robot using an Arduino Teensy  
- Built circuits, calibrated sensors, and implemented algorithms in C++

## LEADERSHIP / VOLUNTEER

**Micromouse Team Leader, UCLA IEEE** Oct 2014 – Jun 2015  
- Responsible for organizing team meetings and delivering info to team members

**Student Mentor, UCLA School of Engineering** Sep 2014 – Jun 2015  
- Helped freshmen and transfer students transition into their college careers

**Volunteer, Silicon Valley Korean School, Cupertino** Sep 2010 – Jun 2013  
- Volunteered weekly as a bilingual TA for 3 years and wrote a graduation speech

## ACTIVITIES / HONORS

Guitarist & Singer  
Basketball  
National Engineering Honor Society (Tau Beta Pi) 2015  
Computer Science Honor Society (Upsilon Pi Epsilon) 2014  
Electrical Engineering Honor Society (Eta Kappa Nu) 2014  
PLTW Robots at Play Regional CAD Contest 1<sup>st</sup> Place 2012