

# Jason Yang

pesra.github.io  
3918 215th St SE  
Bothell, WA 98021  
(206) 883-4168  
jasonyy2@uci.edu

## EDUCATION

### University of California, Irvine — *Computer Science, B.S.*

Class of 2024 — GPA: 3.67

Relevant Coursework Completed: Python Programming and Libraries (ICS-32A, ICS-33), Programming in C/C++ as a Second Language (ICS-45C), Discrete Mathematics (ICS-6B, ICS-6D)

Relevant Courses in Progress: Data Structures Implementation and Analysis (ICS-46), Intro to Computer Organization (ICS-51)

### North Creek High School, Bothell WA

Class of 2020

Learned Java through AP CSA, Scored a 5 on the AP test, continued to take advanced classes that covered data structures, algorithms, optimizations, and Tree AIs

## EXPERIENCE

### Kitanan, Irvine CA — *Software Engineering Intern*

June 2021 - Sept 2021

Migrated Shopify code to a private GitHub repository

Implemented customer review feature that allows customers to review specific products and allows future customers to buy intelligently

Added Google analytics metrics and dashboard to monitor traffic, user trends, and company revenue

Created a database using AWS to store information on product revenue

Implemented a RESTful API in Golang

## PROJECTS

### Tic-Tac-Toe Game Tree AI

In Java, developed an AI that would get better as more simulations of the game were played using a game tree

Difficulty (Normal, Hard, Impossible) would be determined by the amount of simulations the AI would play before facing against the player

### Spotify Song De-duplicator — GitHub

In Java, created a application that removes duplicate songs in a given playlist

Utilized Spotify's API to collect song data

### Hash table Database

In C++, built a hash table that hashes a username and password pair and stores them in buckets to greatly increase time efficiency

## SUMMARY OF SKILLS

### Languages:

Python

Java

C++

Go

### Knowledge:

Object-Oriented Design

Basic Virtualization

Git version control

APIs

Google Analytics

Software Development

Methodologies

### Tools:

Git/GitHub

Eclipse IDE

Visual Studio Code

IntelliJ IDE

VMware

### Others:

Fluent in Chinese and

English

