

Chengzhu Duan

School Email: C3DUAN@UCSD.EDU | Personal Email: CHENGZHU.DUAN@GMAIL.COM

Phone: (267)-438-8270 | Location: La Jolla, CA

[GITHUB](#) | [LINKEDIN](#) | [PORTFOLIO](#)

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO, CA

- Sophomore, B.S. Computer Science
- Provost Honor
- Cumulative GPA: 3.88/4.0
- Relevant Courses: CSE 11 Intro to Java, CSE 12 Basic Data Structure, CSE 15L Software Tools, CSE 20 Intro to Discrete Math, CSE 30 Computer Organization and System programming, CSE 21 Mathematics for Algorithms and Systems

Professional Experience

YI YUN INFORMATIONAL TECHNOLOGY CORPORATION, GUANGZHOU, CHINA

Software Tester, June 2017 – September 2017, June 2018 - August 2018

- Conduct automated and manual tests on both front end and back end of the software
- Learned and used testing framework selenium to speed up the testing process
- Written daily testing reports regarding testing results and bug findings

School Experience

TRITON SOFTWARE ENGINEERING

Project Developer, March 2018 – Present

- Work in a group of 3 other developers and 1 project manager with agile workflow
- Build a socializing webpage that helps people to connect and build teams for projects and upcoming hackathons
- Worked on the backend server with MongoDB and Javascript

Projects

DISCORD BOT [[Github](#) | [Discord Server](#)]

- Used the discord api to create a bot for my discord server
- Learned RESTful api while fetching data from various developer apis
- Used MySQL and MongoDB to establish a experience point and coin system for my server
- Made 75 commands capable of image manipulation, text manipulation, data analysis, information search, music playlist and various games.

FIVE-IN-A-ROW [[Github](#)]

- A 9 x 9 board game where a player win by connecting five same-colored (black or white) check in either the horizontal, vertical, or diagonal direction.
- Most components of the game are made with java GUI
- Designed an AI algorithm using minimax, so players can play against a machine

Skills

- Proficient Languages: Java, Javascript, HTML/CSS, Python, Bash, C, and ARM assembly language
- Familiar with git version control and agile workflow
- Capable of using MySQL and MongoDB
- Worked with MEAN stack and Flask
- Have experience in Unity game engine, IntelliJ, and other IDEs
- Bilingual in Mandarin and English