



WAI YING LI

ASPIRING GAME PROGRAMMER

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EDUCATION

University of California, Davis - Davis, CA

Bachelors of Science Degree (2012-2017)

Food Science Major and Computer Science Minor

Cummulative GPA: 3.70



HONORS

2nd Place for Best Use of Amazon Alexa (2017)

Interview Assistant is a 24-hours hackathon project that won 2nd place at Hack Davis.

- Created a mock website with HTML5, JavaScript, and CSS
- Researched setting up a web server with PHP, Apache and Amazon Web Services
- Assisted with creating the JSON structure for Alexa's Intent Schema



SKILLS

Programming

- Proficient in Python
- Familiar with C/C++ and C#
- Beginner in JavaScript, HTML5, and CSS

Software:

- Unity Game Engine
- Photoshop CC

Operating Systems:

- Windows 10
- Linux

Database System:

- Familiar with PostgreSQL



COURSEWORK

- Database Systems
- Data Structures and Programming
- Algorithm Design and Analysis
- Introduction to Artificial Intelligence
- Introduction to Scripting Languages (R and Python)



PROJECTS

Cliffhanger (Team Project)- Davis, CA (2016)

A 12 hours Unity game jam project at UC Davis

- Led the game development
- Coded the throwing mechanics of the projectiles and the throwing strength meter
- Animated and designed part of the graphics

Tilt the Snake (Personal)- Davis, CA (2016)

A Unity mobile snake game for Andriod and iOS

- Incorporated mobile devices' accelerometer into gameplay
- Used Facebook and Google Admob API
- Designed the algorithm of the snake movement
- Designed the graphics

Pong (Personal)- Davis, CA (2016)

A classic pong game made with Unity for Android

- Used ray-casting to implement a two-player multi-touch feature
- Designed a simple AI for one-player
- Used Unity's built-in physics to implement the ball bouncing



EXPERIENCE

Food Sensory Lab Intern - Davis, CA (2015-2016)

- Investigated sensory differences between two rice flours using the tetrad test
- Performed data analysis using Excel and R to conduct statistical tests like ANOVA and binomial test
- Trained new interns in data analysis and daily lab routines

Residence Hall Mail Staff - Davis, CA (2014-present)

- Process packages and deliver letter mail on a daily basis
- Address missing packages and any other mail-related concerns
- Keep track of package inventory on a weekly basis