Ethan Chiang

Experienced web, game and iOS developer

CONTACT

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Links

[LinkedIn](#)
[GitHub](#)
[Portfolio](#)

EXPERIENCE

Game Developer — UC Davis, Davis CA

Dec 2019 - PRESENT

Gameplay programmer and game designer of real-time simulation game

- Deploy appropriate design patterns to build high performance and scalable systems
- Lead design and development of 3 in-game systems
- Conducted code reviews, testings, and technical documentation
- Lead and manage small teams

Lead Code Instructor — Hackingtons, Pleasant Hill, CA

May 2017 - PRESENT

Lead and tutor coding class of 6-12 students

- Explain CS concepts like OOP, data structure, and algorithm
- Help debug and guide student projects
- Assist in curriculum design to include up to date industry technologies

Software Engineering Intern — JustEaze, Davis, CA

Oct 2019 - Jan 2020

Assist in the design and development of web application for the legal industry

- Shipped 2 new features and 1 page
- Established user feedback loops with practicing firms

Teaching Assistant — Diablo Valley College, Pleasant Hill, CA

Sept 2016 - Jun 2017

TA of COMSC200 (OOP) and COMSC210 (Data Structure)

EDUCATION

UC Davis, Davis, CA — *B.S. of Computer Science* GPA: 3.6

Courses: AI, machine learning, computer vision, computer security, gameplay programming, web programming, iOS development

PROJECTS

SwiftCarPlateOCR — *swift OCR library*

2019 - 2020

An OCR API for car plates via live video stream with the Apple Vision framework

Heracles — *iOS management app for fitness trainers*

2019

Tracking clients' daily workout routine, diet, and other health information

TECHNICAL SKILLS

Web: HTML, CSS, JavaScript, React, Node.js, Express.js, Flask, Django, Bootstrap

Mobile: iOS, swift

Game: Unity (C#), HTML5 game (JavaScript)

Languages: C++, C#, Python, JavaScript, swift

Project Management: Git, Trello, design doc writing, agile development

CERTIFICATIONS

Responsive Web Design,
Free Code Camp, 2018

JavaScript Algorithm and Data Structure,
Free Code Camp, 2019

LANGUAGES

English

Chinese

Japanese