

# Sinclair Chen

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## WORK EXPERIENCE

### Everlaw — Software Engineer

AUGUST 2019 - JULY 2020

Full stack development: improved website accessibility, Fixed billing code saving the company thousands per year. Collaborated with product designers, code reviewed, served on duty, improved documentation.

Java, typescript, sass, AWS, spring/hibernate, mysql, psql, python

### Santa Clara University — T.A. and Tutor

SEPTEMBER 2017 - JUNE 2019

Served as a teaching aide for Algorithms, evaluating student work and providing constructive feedback. Tutored students, helping them with proofs and with converting intuitive ideas into algorithms.

### uSens — Virtual Reality Intern

JUNE 2017 - AUGUST 2017

Used Python to automate testing of a neural net that detects hand motions. Improved vr demos using Android Studio and Unity.

## EDUCATION

### Santa Clara University — B.S. Computer Science

SEPTEMBER 2016 - JUNE 2019

3.82 GPA, Math minor. Magna Cum Laude.

Designed a React Native app. Made a password cracker. Learned Agile and Lean. Took over a failing chess club. Trained a fast.ai image classifier. Graduated a year early.

## PROJECTS

### ExtraEats — Dart / Flutter and Node.js

A platform to share food and reduce food waste. Wrote image uploading and settings UI in Dart, hosted Node.js backend on Heroku.

### Tilt Arena — Javascript / HTML5

Action-arcade browser game. Wrote the animation and collision logic and fixed performance issues.

### Learn 2 Stats — Java

Desktop graphing calculator. Created the ability to graph equations, calculate integrals and derivatives, and perform inference tests.

## SKILLS

Python, Java, Typescript,  
Javascript, Dart, C and C++

SQL, Linux / Bash, Windows,  
HTML5, CSS

## AWARDS

**Putnam Award** for 2nd place overall at SCU in 2017 with a score of 10

**Albert P. Hillman Prize** for 3rd place in 2016 SCU math competition

**Distinguished First Year** at SCU for GPA in the top 2.5%

## CLASSES

Object Oriented Programming  
Data Structures  
Discrete Math  
Logic Design  
Linear Algebra  
Embedded Systems  
Automata  
Statistics  
Algorithms  
Advanced Cryptography  
Web Programming  
Operating Systems  
Networks  
Data Science  
Databases  
Machine Learning