

# Yang Wu

273 Parc Place Dr  
Milpitas, CA 95035

**(310) 210-0443**

**yangw10u@gmail.com**

## PROJECTS

### Personal-Website 2018 Nov-Present

Technology: React.js.

- Initialized particle system on 2d-canvas with various of physics force.
- Manipulated the text/image pixel on canvas with corresponding particles.
- Improved particle animation performance by reducing the pixel.

### Speech Isn't Free 2018 Nov-Present

Technology: React.js, Redux.js, Express.js, MongoDB, ect..

- Designed responsive User-Interface using bootstrap and react.
- Implemented auth authentication with Json Web Token(JWT) as well as the private routes.
- Created MongoDB database, and organized user data in different data model.
- Applied CRUD operations via axios.js to manipulate the user data.
- Developed validation system to ensure the correct data would be collected.
- Using Redux as React State management tool to dispatch action when it's necessary

### SoundCamp-Angular CLI 2018 Jan - March

Technology: Angular CLI, Bootstrap, node.js, Firebase, Javascript, HTML, CSS, Json, express.js, Git.

- Provided a web solution for searching nearby music events based on Geographic location.
- Improved development efficiency by using Agile management skill.
- Lead and collaborating with the team, implemented server using express.js interact with songkick REST API and firebase database.
- Applied Ajax for asynchronous calls to exchange small amount of data.
- Implemented dynamic routes.

### TeachShare-Django 2017 July-August

Technology: Django, Bootstrap, Python, SQLite.

- Participated in agile sprints to drive development of new fixes and features.
- Implemented SQLite database allows user to upload and download files.

## EXPERIENCE

### Santa Monica College CSIS Lab Tutor 2014 April-2016 Jan

Improved students sign up rates more than 50%

## Links:

Github:<https://github.com/YangWux?tab=repositories>

Linkedin:<https://www.linkedin.com/in/yang-wu-9233a3a8/>

## SKILLS

JavaScript, Python, C, C++, Java, ect..

Linux, Unix,

Web Development: RESTful API, AJAX, React.js, Redux.js, JWT(json web token), MongoDB, SQL, p5.js, Bootstrap, HTML5, CSS, Typescript, Angular.js, axios.js

Tools & Management:

Git, Google Cloud, Agile

## ADDITIONAL:

Solid foundation in mathematics, computer networks(TCP/IP), and data structure

Strong understanding of object-oriented programming.

Ability to learn and cooperate with fast phase team.

Passionate about new technologies.

Experience in machine learning and image processing with Tensorflow, opencv

Experience in embedded system design(Raspberry pie )

## EDUCATION

**University of California, Santa Cruz**  
**2016 Fall-2018 August**

**B.S in Computer Science**

1156 High St, Santa Cruz, CA 95064

**Santa Monica College**  
**2013 Spring-2016 Spring**

1900 Pico Blvd, Santa Monica, CA 90405