

Tony Ding

Software Engineer/Data Analyst

Member of UPE Computer Science Honor Society @UCLA

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[Personal Website](#)

[My LinkedIn](#)

EDUCATION

University of California, Los Angeles (UCLA) — *B.S. Computer Science*

Expected-June, 2023

GPA: 4.0/4.0 SAT: 1550

Relevant coursework:

CS 97 Software Development	CS 143 Database Systems
CS 111 Operating System Principles	CS 180 Algorithms and Complexity
CS 31/32 C++ Programming	CS M51a Logical Circuit Design

PROJECT

Full Stack Web App: Bring fitness center online.

Oct, 2020 - Dec, 2020

- Next.js, Javascript, React.
- **Mongodb + REST** Api
- Features:
 1. Real-time equipment availability/historical data search/user exercise time rank
 2. User login/logout and navigation between all pages.
 3. Occupy equipment/Give likes to users.
 4. Personal weekly exercise plans.

Delivery System:

Oct, 2019-Dec, 2019

- **Hash** street segments and **navigate** (C++)
- **Algorithms:**
 1. **A* /Backtracking (Depth first search)** to find route
 2. **Simulated Annealing** to optimize route

EXPERIENCE

University of California, Los Angeles — On campus IT support

Oct, 2019 - PRESENT

- IT service desk @ UCLA Graduate Division IT group
- Server configuration/diagnostics.
- Hardware and system diagnose/configuration (XP, Vista, Win 7, 10, Linux, etc.)

Sias University — Student Software developer in a Client Project

June, 2019 - Aug, 2019

- Database operation (Java, MySQL)
- Sketched logic diagram for the project to visualize overall process.

Sias University — Software Evaluation in Facial Recognition project

June, 2018 - Aug, 2018

- Evaluate efficiency of open source facial recognition code.
- Review customer viscosity and comments on different facial recognition products.
- Construct an overall report regarding software review

SKILLS

Database: MySQL, MongoDB

Software Development: React

Languages: C++, Java, Python, HTML/CSS, JavaScript

LEADERSHIPS

International Student Representative (ISR), USAC

Oct, 2019 – Dec, 2019

Position: Internship

Responsibilities/Goals: Seek resource for international students in UC colleges

Scientific Enlightenment Club (SEC)

Sep, 2016 – Aug, 2019

Position: Founder/Organizer

Achievement: In 3 years, Inspired 500+ elementary school students to love science.