

# KEVIN TANG

(732) 406-1855 📧 [kevintang2023@ucla.edu](mailto:kevintang2023@ucla.edu) 📍 Los Angeles, CA

 [github.com/icevin](https://github.com/icevin)  
 [linkedin.com/in/kevintang-](https://linkedin.com/in/kevintang-)

## EDUCATION

**University of California, Los Angeles**  
**B.S. Computer Engineering (GPA: 3.93)**

Los Angeles, CA  
Expected June 2022

### Relevant Coursework:

GPA: 3.93

Algorithms, Data Structures, Computer Architecture, Operating Systems, Software Construction, Internet of Things, Computer Vision

## SKILLS

Languages: [ Python ] [ JavaScript ] [ C ] [ C++ ] [ HTML/CSS ] (*proficient*) [ Java ] [ SQL ] [ Lua ] (*familiar*)

Platforms: [ React Native ] [ Express.js ] [ Arduino ] [ Google Cloud ] [ Liquid ] [ 11ty ] [ Flask ] (*proficient*)

[ React ] [ TensorFlow ] [ OpenCV ] [ ESP-IDF ] [ STM32 ] [ Vue.js ] (*familiar*)

Tools: [ Unix/Linux ] [ Git/GitHub ] [ Adobe Ps, Ai, Pr & Ae ] [ Figma ] [ Fusion 360 ] [ Qt ] [ L<sup>A</sup>T<sub>E</sub>X ] (*proficient*)

## EXPERIENCE

**Electrical & Computer Engineering Instructor**  
**Bluestamp Engineering, LTD**

New York, NY  
Summer 2020

- Remotely led classes of high school students as they design, build, and document creative engineering projects
- Guided a total of 30 students & 40+ projects to completion, using the Raspberry Pi, Arduino, & ESP32
- Balanced student project progress vs student interest, morale, and education; dove into topics of student interest in daily office hours

**Dev Director**

Los Angeles, CA  
2019 - Present

**ACM Design (subcommittee of ACM at UCLA)**

- Leads team of 10 working on ACM at UCLA's branding guidelines – see it live at [design.uclaacm.com](https://design.uclaacm.com)
- Create graphics and marketing material for all of ACM at UCLA's events and assist with rebranding project

**Webmaster**

Los Angeles, CA  
2020 - Present

**Engineering Society of UCLA**

- Maintain ESUC website and develop tools to support undergraduate engineering student associations
- Created fully custom interactive online calendar using Bootstrap to consolidate events from 30+ clubs

**Engineering Intern**

Warren, NJ  
Spring 2019

**Control Point Associates, Inc**

- Assisted with data processing 3D point-clouds for laser scanning projects in Leica Cyclone 3D
- Presented findings from two job sites and suggested opportunities for workflow improvement

## Projects

**WeChews**

[github.com/hubert94536/ChickenTinder](https://github.com/hubert94536/ChickenTinder)  
Fall 2020

**React Native Mobile Application**

- Built app that helps groups of friends decide where to eat with a team of developers
- Created custom gesture & animation handler for drag-down drawer
- Worked on frontend components and socket connections for group/room & filtering functionality

**Laundry Manager and Organizer**

[github.com/icevin/lmao](https://github.com/icevin/lmao)  
2019-2020

**Internet of Things Smart Laundry Hamper - Python**

- Built touchscreen IoT device, using Raspberry Pi, custom designed 3D-printed parts, custom circuitry, and Qt
- Android Prototype won Top 30 Hack at PennApps XVIII, using machine learning models trained on Google AutoML to recognize washing instruction symbols on laundry tags
- Recognized symbols & clothes using OpenCV and TensorFlow, and optimized laundry load partitioning based on detected clothes

**UCLA Engineering Day 2020 Website**

[esuc.github.io/ewd-2020](https://esuc.github.io/ewd-2020)  
Summer 2020

**HTML/CSS, JavaScript, Figma, Node.js, 11ty**

- Designed and built website to promote UCLA Samueli's Engineering Welcome Day
- Programmatically generated pages using, and organized data provided by over 50 student organizations
- Received over 12k pageviews from peak ~600 concurrent users

**clsrn - LA Hacks 2020 Award Winner**

[github.com/icevin/clsrn](https://github.com/icevin/clsrn)  
Spring 2020

**Augmented Google Classroom via SMS - Twilio, Flask, Google App Engine**

- Tool to help disadvantaged students access online learning tools via SMS using Twilio & Google APIs

- Provides advanced features like dictation and image stitching to ease usage
- Google Cloud 1<sup>st</sup> Place: Best Hack Using Google Cloud, Facebook Best Collaboration Hack

## Honors

---

Member, *Upsilon Pi Epsilon (UPE)* – International Honor Society for the Computing and Information Disciplines