

# Hongyi Zhang

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## Education

**B.S. Computer Science**, *University of California, Los Angeles*, GPA: **2015–2019**  
3.82.

Relevant Classes:

Intro to Computer Science I/II, Software Construction Laboratory: A

Intro to Computer Organization, Intro to Engineering Design: A+

## Experience

**Contributor**, *Daily Bruin Developers*, Los Angeles. **2015–Current**

Full Stack web development for UCLA's student newspaper

Detailed Achievements:

- Front End Developer for Revamp of Bruinwalk.com
  - Complete rewrite of popular student run course/professor review website
  - Built with Django and jQuery
- Daily Bruin Online Print Archive
  - Effort to make old PDFs of the Daily Bruin searchable and accessible
  - SPA using Flask and MongoDB

**SHINE Intern**, *Singapore Telecommunications Limited*, Singapore. **2016**

Software engineering and research with Singtel Engineering and Innovation.

Detailed Achievements:

- Developed Proof of Concept for Security Research
  - Full Stack SPA using Sinatra, Vue.js and MySQL
- Literature Review on Machine Learning, Big Data and Encryption

**Software Engineering Intern**, *Tinkertanker Pte Ltd*, Singapore. **2015**

Software Development and Computer Science Education

Detailed Achievements:

- Developed 125andUp.sg's Chrome Extension
  - Help Singaporeans discover which Amazon items qualify for free shipping
  - 1000+ Unique Users
- Instructor for various classes
  - Taught kids as young as 8 and as ...young as 75
  - Proudly spread the joy of Scratch, Arduino and the Maker Movement

## Projects

**Race Management System**, *Singapore Dragonboat Association*, **2015**

Singapore.

Freelance project developing dragonboat race management software

Detailed Achievements:

- Deployed for the 2015 South East Asian Games and DBS Marina Regatta
  - NodeWebkit Project using Angular and CouchDB

## Recognition

**National Infocomm Scholarship**: IDA Singapore **2013**

**Startup@Singapore**: NUS **2nd, Social Enterprise 2012**

**Splash Awards**: Singapore Computer Society **1st 2010, 2nd 2011**