

Hongyi Zhang

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Education

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

Relevant Classes:

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

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

Work Experience

Contributor, *Daily Bruin Developers*, Los Angeles.

2015–Current

Full Stack web development for UCLA's student newspaper

Details:

- Front End Developer for Revamp of Bruinwalk.com
 - Complete rewrite of popular student run course/professor review website
- Daily Bruin Online Print Archive
 - Lead effort to revamp daily print archive
 - Implemented scraping workflow and full text search

SHINE Intern, *Singapore Telecommunications Limited*, Singapore.

2016

Software engineering and research with Singtel Engineering and Innovation.

Details:

- Hadoop/Spark Cluster setup for BI/Research
 - Built Data Ingestion and Visualization workflow around Hive Spark
- Developed Proof of Concept for Security Research
- Literature review for emerging big data security solutions

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

2015

Software Development and Computer Science Education

Details:

- 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*, Singapore.

2015

Freelance project developing dragonboat race management software

Detailed Achievements:

- Deployed for the 2015 South East Asian Games and DBS Marina Regatta
 - Utilized CouchDB to enable a system tolerant of shaky networks
 - Integrates with proprietary high speed cameras

Recognition

National Infocomm Scholarship: IDA Singapore

2013

Startup@Singapore: NUS

2nd, Social Enterprise 2012

Splash Awards: Singapore Computer Society

1st 2010, 2nd 2011