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: A, Software Construction Laboratory: A
Intro to Computer Organization: A+, 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*