William Wang

🏠 3115 Orchard Ave, Los Angeles, CA 90007 📞 (408) 529-7742 ✉ wang975@usc.edu ⌕ willwang888 🌐 willwang.me

Education

University of Southern California, Viterbi School of Engineering
B.S. Computer Eng. and Computer Science, 2019
Minor in Entrepreneurship, GPA: 3.5/4.0

Leland High School - 2015
Varsity Swimming Captain, President's Award
GPA: 3.91/4.0

Awards

GE Digital Intern Challenge Finalist   07/17
Top 5 out of 20 intern teams - created Monte Carlo traffic prediction PoC and pitched innovative marketing strategy to Director of GE Ventures. *Adopted by GE Current*

USC Trustee Scholar   06/15
Full Tuition Scholarship Recipient
Top 1% of all incoming freshmen

Viterbi Undergraduate Fellow   06/15
Merit Research stipend of $2500 per year
Top 40 of all incoming Viterbi engineers

USC W.V.T. Rusch Engineering Honors Program Member   06/15
Top 10% of all incoming freshman engineers

AP Scholar with Distinction   06/15
Received an average score of at least 3.5 on all AP exams taken, and scores of 3 or higher on five or more of these exams.

Deans List Scholar   01/16
Recognizes outstanding students who have acheived a GPA of 3.5 or higher

National Merit Scholar   06/15
Awarded to 8,000 exceptional high school students out of 1.5 million applicants nationwide

Skills

Programming Languages	Frameworks and Databases	Tools
Java	Java Spring Boot	Github
C++	Apache Spark	Eclipse IDE
Python	Apache Kafka	JUnit/TestNG
Swift	PostgreSQL	JIRA/Rally
Javascript	MySQL	Jenkins
HTML	Apache Hadoop	Sublime Text
CSS	Map Reduce	Xcode
PHP	Node.js	VHDL

Experience

GE Digital - *Software Engineering Intern*   06/17 - 08/17
- Developing with Java and Big Data Analytics tools such as Apache Spark, and working heavily with Java 8 concurrency concepts
- Implemented RESTful API for cascade deletion of streaming jobs
- Design, documentation, and development of core ML pipeline library
- Integrated and fully automated Apache Kafka flow into ML engine
- Became Scrummaster of 17 person team for Q3 timeline.

NASA JPL - *Software Engineering Intern*   05/16 - 08/16
- Developed various radar algorithms for a low-orbit, earth-centric satellite.
- Took on another engineer's part and successfully developed and implemented Chebyshev's best fit algorithms.
- Secured contributions for launch in 2020.

USC Department of Computer Science - *Course Producer*   08/17 - Current
- Undergraduate TA for CSCI 201: Introduction to Software Development
- Mentored students and graded assignments concerning essential networking concepts, threading, OOP, and Web Development

GYLT, Co. - *Core Team Member*   12/15 - 05/16
- Creating a crowd driven productivity platform, Docket. Seed of $100,000.
- Back-end development in PHP, extensive marketing, lean canvas business model, and A/B testing on potential users.

Give Them A Hand - *Co-Founder & Project Manager*   10/14 - 10/16
- Design, build and donate 3D printed prosthetic hands to children

Projects *(Please reach out for more!)*

Hitchhikers   01/17 - Current
Technologies used: Swift, Java, Networking, Heroku, AWS, Threading
- Created a college ride sharing platform for users to monetize their car seats on long trips. Launching at USC in Fall 2017.

Betme   11/16 - Current
Technologies used: Swift, Objective-C, Threading, Google Firebase
- Implemented Newsfeed and Menu controllers of a Venmo-like social betting application that allows users to casually bet their friends on tasks.

Weekndr   08/16 - 12/16
Technologies used: Python, Flask, HTML, CSS, Javascript
- Implemented UI and data mining architecture of a trip searching application

Involvement

TechLA Fellowship Program - *Co-Founder and Director*   09/15 - Current
- Co-founded a technology fellowship program bringing together 8 under graduate students, 6 startups, and 3 venture capital firms in Los Angeles.
- Organized and managed a team of 9 to ideate, plan, and execute.

HackSC - USC's Largest Hackathon - *Sponsorship*   09/17 - Current
- Sponsorship for HackSC, with over 800+ attendees each year.

LavaLab - USC's Product Incubator - *Developer*   08/16 - Current
- Created Weekndr, a trip-finding web application with a team of 4
- Pitched product in front of 300 attendees and 4 judges