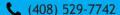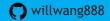# William Wang

🏠 3131 McClintock Avenue, Los Angeles, CA 📞 (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: 3.48/4.0

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

Awards

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

Viterbi Undergraduate Fellow   06/15
Merit Research Stipend
Given stipend of $2500 per year to perform research
Top 40 of all incoming Viterbi Engineers

USC W.V.T. Rusch Engineering Honors   06/15
Program Member
Awarded to students in top 10% of their incoming class.

AP Scholar with Distinction   06/15
Granted to students who receive 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 - CollegeBoard   06/15
Awarded by the National Merit Scholarship
Corporation to 8,000 exceptional high school students
out of over 1.5 million applicants nationwide

Skills

Programming Languages	Frameworks and Databases	Tools
Java	Java Spring Boot	Github
C++	Apache Spark	JIRA
C	Apache Kafka	Jenkins
Python	Apache Hadoop	Eclipse IDE
Swift	Hbase	Sublime Text
Javascript	Map Reduce	Xcode
HTML5/CSS3	PostgreSQL	Bash
PHP	Node.js	VHDL
	Express.js	

Experience

GE Digital - *Software Engineering Intern*   06/17 - Current
- Developing with Java and Big Data Analytics tools such as Apache Spark, and working heavily with Java 8 concurrency concepts
- Designed and created RESTful API for cascade deletion of streaming jobs
- Designed, documented, and assisted in 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 radar algorithms in C, C++, and Python for a low-orbit, earth centric satellite.
- Took on another engineer's part when I successfully developed and implemented Chebyshev's best fit algorithms.
- Algorithms will be used during launch in 2020, and my work allowed the team to finish 3 weeks before deadline.

GYLT, Co. - *Core Team Member*   12/15 - 05/16
- Core team member of a software startup that is developing a crowd driven productivity platform, Docket. Seed funding of $100,000.
- Developed in PHP, and performed extensive marketing outreach.

Give Them A Hand - *Co-Founder & Project Manager*   10/14 - 10/16
- Co-Founded a 501c(3) organization that designs, builds and donates 3D printed prosthetic hands to lower-income children.
- Designed and prototyped prosthesesm, and donated prosthetic hands to 6 children within the ages of 3 - 8 within 2015.

Projects *(Please reach out for more!)*

Hitchhikers *(IP)*   01/17 - Current
Technologies used: Swift, Java, Web Sockets, AWS, Threading
- Created a college ride sharing platform for users to monetize their car seats over long trips. Launching at USC in August 2017.

Betme *(IP)*   11/16 - Current
Technologies used: Swift, Objective-C, Google Firebase
- Creating a Venmo-like social betting application that will allow users to casually bet their friends on tasks.

Involvement

TechLA Fellowship Program   09/15 - Current
Co-Founder and Director
- Co-founded a technology fellowship program bringing together 8 under graduate students, 6 startups, and 3 venture capital firms in Los Angeles.
- Coordinating a series of summer events featuring technology companies, venture capitalists, and incubators in the greater LA community..
- Organized and managed a team of 9 to ideate, plan, and execute.

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

LavaLab - USC's Product Incubator   08/16 - Current
Fall 2016 Cohort, Developer
- Created Weekndr, a trip-finding web application with a team of 4
- Pitched product in front of 300 attendees and 4 judges