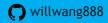# William Wang

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Education

University of Southern California, Viterbi School of Engineering
B.S. Computer Science, 2019
Minor in Entrepreneurship, GPA: 3.6/4.0

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

Awards

GE Digital Intern Challenge Finalist   07/17
Top 4 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   Current
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	iOS	Github
C/C++	Spring	Eclipse IDE
Python	PostgreSQL	Xcode
Swift	Apache Spark	Vim
Javascript	Apache Kafka	JUnit/TestNG
HTML	Apache Zookeeper	JIRA/Rally
CSS	Express.js	Jenkins
PHP	React.js	VHDL

Experience

Salesforce.com - *Software Engineering Intern*   05/21 - Current
- Infrastructure: Working on query optimization tools for Salesforce database

GE Digital - *Software Engineering Intern*   06/17 - 08/17
- Implemented extensive REST API in Spring Boot for streaming job operations
- Architected integration of ML pipeline into existing app with 2 team members
- Built sample linear and logistical regression models based on wind turbine and mining data with Apache Spark
- Integrated and fully automated Apache Kafka flow into ML engine
- Integral member of Q2 release and became Scrummaster of 17 person team

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
- Contributions secured 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 & led extensive marketing efforts. Operated on lean canvas business model & implemented A/B testing on potential users

Projects

Hitchhikers   01/17 - Current
Technologies used: Swift, Java, Networking, Heroku, AWS, Threading
- Creating a college ride sharing iOS application for users to monetize their car seats on long trips

Betme   11/16 - Current
Technologies used: Swift, Objective-C, Threading, Google Firebase
- Building a Venmo-like iOS social application that allows users to participate in friendly betting

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

Involvement

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

HackSC - USC's Largest Hackathon - *Sponsorship*   09/17 - 05/18
- Sponsorship for HackSC, with over 800+ attendees each year

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