

William Wang

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Education

University of Southern California, Viterbi School of Engineering

B.S. Computer Science, 2019

Minor in Entrepreneurship, GPA: 3.5/4.0

Leland High School - 2015

Varsity Swimming Captain, President's Award
GPA: 3.91/4.0

Awards

GE Digital Intern Challenge Finalist 07/17

Top 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 01/16

Recognizes outstanding students who have achieved 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

- Created 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 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 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