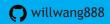# William Wang

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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 Program Member   06/15

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	Operating Systems	Tools
Java	MacOS	Github
SQL	Linux	JIRA
C++/C	iOS	Jenkins
Python	Windows	Eclipse IDE
Swift	Ubuntu	Sublime Text
Javascript	CentOS	Xcode
HTML5/CSS3	VxWorks	Bash
Verilog		VHDL
PHP		
Assembly(MIPS)		

Experience

GE Digital - *Software Engineering Intern*   06/17 - Current

- Working with the Operations Performance Management team to develop asset management tools for customers.
- Developing with Java, Spring Boot, JUnit, Docker, and many Big Data Analytics tools such as Apache Spark, Hadoop, and Zepplin.
- Integral member of core development team. Received high commendation from manager as the best intern he's worked with.

NASA JPL - *Software Engineering Intern*   05/16 - 08/16

- Developed radar algorithms in C/C++/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 SQL, as well as extensive marketing and 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.
- Designed and prototyped app. Implementing News Feed.

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