

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 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 achieved 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

Java

SQL

C++/C

Python

Swift

Javascript

HTML5/CSS3

Verilog

PHP

Assembly(MIPS)

Operating Systems

MacOS

Linux

iOS

Windows

Ubuntu

CentOS

VxWorks

Tools

Github

JIRA

Jenkins

Eclipse IDE

Sublime Text

Xcode

Bash

VHDL

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 Zeppelin.
- 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 prostheses, 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