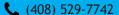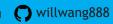# William Wang

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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 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 Big Data Analytics tools such as Apache Spark, Hadoop, and Zepplin.
- Completed critical features for release within the first 3 weeks of joining and became Scrummaster of 12 person team for Q3 timeline.
- Received high commendation from manager as his best intern.

**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.

## 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