# Hantao (Will) Wang

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## ABOUT ME

I am a first year undergraduate at UC Berkeley looking for a research assistant position during Summer 2017 and beyond. I have previous experience working in medium to large groups on planning and executing long term, detail oriented projects. I am currently enrolled in ME 193A, a research orientation class with the goal of developing a spacesuit for manned Mars missions. My interests include data science, machine learning, artificial intelligence, robotics, and the application of computer science to fields such as biology and chemistry.

## EDUCATION

### UC Berkeley,  Class of 2020

B.S. Electrical Engineering and Computer Science

Overall GPA: 3.53                    Technical GPA: 3.74

Relevant Courses: CS 61A SCIP, CS 198 Web Design, CS 61B Data Structures, MATH 53 Multivariable Calculus, MATH 54 Linear Algebra & Differential Equations, ENG 25 Visualization for Design, E26 3D Modeling for Design, ME 193/292A Special Topics in Biomechanical Engineering

### CSU Dominguez Hills

High School Concurrent Enrollment

Overall GPA: 3.93

Relevant Courses: CS 116 Intro to Computer Hardware & Tools, FIN 360 Business Finance, 2 semesters college biology, 2 semesters college physics, 3 semesters college chemistry

## EXPERIENCE

### Gulfstream Aerospace                    High School Apprentice, Aug 2015 – June 2016

Worked with the mechanical engineering teams on interior design drawings of G550 and G650 aircraft. Responsibilities included intensive use of AutoCAD, CATIA, and Excel.

Honors: Mach 3 Excellence Award

## SKILLS

### Languages

Python, Java, HTML, CSS, JavaScript, Scheme, MySQL, Ruby

### Programs, Frameworks, Environments

Node.JS, Bootstrap, AutoCAD, SolidWorks, Inventor, Final Cut Pro

## PROJECTS

### Scheme Interpreter

Interactive Interpreter that reads and executes user input in Scheme, a dialect of Lisp. Project is written in Python and focuses on Object Orientated Programming and environments.

### hantaowang.me

Personal website written in HTML, CSS, and JavaScript. Currently in the process of migrating to a server built with Express in Node.JS.

### Facebook Analyzer

Python tool that downloads JSON data of a Facebook group and analyzes data trends regarding posters, commenters, likers, and content.

### Database

Built a SQL-like database with Java with commands such as load, store, select, with, as, from, etc. Able to perform Cartesian and special joins of two or more tables in accordance to specifications defined by user input.