**Jiasheng (Jason) Xiao**

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**EDUCATION:**

**University of California, Berkeley Berkeley, CA**

**Bachelors of Science, Electrical Engineering and Computer Science May. 2020**

**Major GPA:** 3.82

**Relevant Course Work:**

EE16A (Information Systems Design), CS61A (Python---Program Structures and Complexity), and CS61B (Java--- Data Structures), CS70 (Discrete Mathematics and Probability), Engineering 7 (MATLAB), Mathematics up to Math 54 (Linear Algebra) and Math 53 (Multivariable Calculus), Statistics 134 (Probability Theory), Economics, and Physics etc.

**EXPERIENCE:**

**NextGen Consulting at UC Berkeley Dec. 2016 - Present**

***Executive Vice President***

* Led a team to improve Re-Plate’s operational efficiency through data analytics.
* Managed and assist five different consulting projects focused in many different regions. Ranging from tech companies like Zumper, TakeATour to food providers like Makers Common, non-profits like Holux etc.
* Cooperated with a startup incubator “The PlayScape” to host a startup competition with a 10,000 USD prize pool aimed to help Berkeley students kick off their startup ideas.

**Wanda Futures May. 2017 – Jun. 2017**

***Quant Trader, Algorithms Specialist***

* Wrote computer algorithms for a trading platform called “TradeBlazer” aimed to minimize risk, maximize efficiency, consistency and ultimately profits; algorithms produce a 185% return in a six month simulation.
* Constructed trading algorithms using Bollinger Channels (examining change based on deviations from test data).
* Optimized trading algorithms using Curtis Faith’s idea of the “Turtle Way” for long and short trade decisions.

**Giesecke & Devrient Dec. 2016 – Feb. 2017**

***Marketing and Sales Intern***

* Conducted market analysis in the fields of the “Internet of Things”, Mobile Security, Credit Card EMV Transactions, Semi-Conductors, Microchips (IC), and Wearable Technology.
* Identified market vitality and found trends for the upcoming years, through market research.

**TIPC (Technical Institute of Physics and Chemistry) Apr. 2014 – May. 2016**

***Materials Science Researcher***

* Researched surface interactions of metallic materials with water, as well as presenting front edge scientific findings to the science committee when applicable. Mainly centered around copper and its different iterations, copper film, copper mesh, copper rod etc.
* Published two research papers on the materials science magazine “Small”.

**Intel Science Engineering Fair Dec. 2014 – May. 2016**

***Finalist***

* Created a bio-inspired artificial surface that imitates the water strider leg’s nanostructures, modified into the “Superhydrophobic aspirator” which would improve fluidic measurements accuracy by a magnitude of 104, and decrease fluidic loss in all fields of scientific experimentation by 12%.

**SKILLS:**

**Spoken Languages:** Chinese --- Mandarin (Native), English (Native).

**Computer Languages:** Python (2 Year), Java (1 Year), MATLAB (1 Year), Scheme (Familiar), SQL (Familiar).