

Bianca Yang

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Education:

Caltech — Computer Science and Business, Economics, and Management **June 2019 (Expected)**

Overview:

A dedicated machine learning specialist and data science enthusiast with broad professional and academic experience that includes:

- Creating virtual reality data visualizations and machine learning insights to help big companies solve big problems at Virtualitics
- Developing an AI toolkit to discover behavioral finance signals that can predict market returns
- Managing student investment fund to create value for the \$650k endowment
- Expanding online retail businesses into international markets through Amazon FBA
- Developing a machine learning model to detect voter fraud

Experiences:

Machine Learning Consultant, Virtualitics **Jan 2017 - Present**

- Developing a machine learning suite for a virtual reality data visualization platform to improve efficiency and effectiveness of consulting projects.

Marketing Manager, Efficient Living **Jun 2015 - Dec 2017**

- Expanded business into Japan through Fulfillment by Amazon and managing digital marketing campaign to drive sales.
- Launched online retail business for whiskey lovers.

Co-President and Board Member, Caltech Student Investment Fund **Oct 2015 - Present**

- Writing value investing based curriculum to prepare fund members to manage \$650K endowment.

Junior Research Analyst, Fuller & Thaler Asset Management **Jul 2017 - Sept 2017**

- Created natural language processing algorithm to analyze financial news and SEC filings to improve returns.

Machine Learning Researcher, Caltech CS101 Course **Sep 2016 - Dec 2016**

- Developed a machine learning framework to detect voter fraud in voter registration data.

Analyst, Caltech Investment Office **Jun 2016 - Sep 2016**

- Tested a trading model using value and momentum as an alternative investment strategy for the endowment.
- Created portfolio monitoring tool using Bloomberg and Excel macros to aid in quarterly reporting.

Achievements:

Program Participant, Grace Hopper Conference for Women in Computing **Oct 2017**