

Bianca Yang

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Education:

Caltech — Computer Science and Business, Economics, and Management

June 2019 (Expected)

GPA: 3.6 / 4.0

Skills:

Programming and Scripting Languages: Python (2.7, 3+), C (11, 14), R (3.3.2), VBA for Excel

Data Analysis and Machine Learning Tools: scikit learn, numpy, pandas, matplotlib

Overview:

A dedicated data analyst and entrepreneur with broad professional and academic experience that includes:

- 2 years leading Caltech's student portfolio management group to create value for our \$650k endowment
- 6 months creating VR data visualizations and machine learning insights for high dimensional breast cancer and retail data at Virtualities
- 6 months expanding efficientliving.com into international markets through the Amazon FBA network.
- 3 months developing a machine learning model to detect voter fraud for the Caltech CS101 course.

Experiences:

Junior Research Analyst, Fuller & Thaler Asset Management

Jul 2017 - Present

- Implementing natural language processing algorithms to discover signals that can predict market returns.

Marketing Manager, Efficient Living and Global Goddess Beauty

Jun 2015 - Present

- Managing a team of 5 to expand Kanberra Gel business into Japan through Fulfillment by Amazon.
- Implemented an advertising campaign on Amazon to improve sales.

Co-President and Board Member, Caltech Student Investment Fund

Oct 2015 - Present

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

Contractor, Virtualities

Jan 2017 - Jun 2017

- Developing a virtual reality data visualization and analysis platform to streamline data analysts' workflows.

Machine Learning Researcher, Caltech CS101 Course

Sep 2016 - Dec 2016

- Used K-Means Clustering, DBSCAN, and pandas to detect potential areas of voter fraud in Florida voter registration data.

Analyst, Caltech Investment Office

Jun 2016 - Sept 2016

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

Achievements:

Program Participant, Twitter #DevelopH.E.R. Spring Camp

Jun 2017