Bianca Yang

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Education:

Caltech — Computer Science and Business, Economics, and Management   **June 2019 (Expected)**
GPA: 3.9 / 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
Spoken Languages: English, Chinese (Mandarin)

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 Virtualitics
- 6 months expanding efficientliving.com into international markets through the Amazon FBA network.

Experiences:

Machine Learning Researcher, Virtualitics   **January 2017 - Present**
- Developing a virtual reality data visualization and analysis platform to streamline data analysts' workflows.
- Project: Time Series and Virtual Reality Data Analysis for Sales Forecasting
- Project: 3D Insights for Predicting Disease Free Survival for Breast Cancer Patients (METABRIC)

Analyst, Caltech Investment Office   **June 2016 - September 2016**
- Created aggregate of public equities portfolio using Bloomberg to monitor fund performance.
- Tested a trading model using value and momentum as an alternative investment strategy for the endowment.

Co-President and Board Member, Caltech Student Investment Fund   **October 2015 - Present**
- Developing value investing based curriculum to prepare fund members to manage $650K endowment.
- Disburses $20,000 of funds annually to student clubs to improve campus life and diversity of programs.

Marketing Manager, Efficient Living and Global Goddess Beauty   **June 2015 - Present**
- Managing a team of 5 to expand Kanberra Gel business into Japan through Fulfillment by Amazon.
- Implemented an advertising campaign on Amazon which delivered $20,000 in additional sales over 2 years.

Achievements:

Program Participant, Twitter #DevelopH.E.R. Spring Camp   **June 2017**
- One of 35 attendees selected out of 900+ applicants to attend a one-day interactive program for second-year computer science majors focused on professional and technical development.

Personal Interests:

Science Fiction | Water Recycling Systems | Meditation | The Pursuit of Happiness