Bianca Yang

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Objective: I live and work at the frontier of technology. Let's build great things together.

Experiences:

Machine Learning Researcher, Virtualitics

January 2017 - Present
- Developing a 3D, virtual reality data visualization software package and data analysis development tool.

NLP Researcher, Lumin.ai

January 2017 - Present
- Conducting a literature review of algorithms for NLP of idiomatic constructs.
- Skills: natural language processing, idiom processing, literature review

VP US Operations, Asunderwear

July 2016 - Present
- Creating an e-commerce solution for a women's apparel business in preparation for early 2017 launch.
- Developing a search engine optimization (SEO) and marketing strategy for the Google and Facebook advertising platforms.
- asunderwear.com
- Skills: online marketing, apparel, Shopify

Machine Learning Researcher, Caltech

September 2016 - December 2016
- Identifying electoral fraud and voter disenfranchisement attacks against voters in Florida.
- Skills: Geopy, clustering

Analyst, Caltech Investment Office

June 2016 - September 2016
- Developed a portfolio aggregation model.
- Analyzed performance of Caltech endowment portfolio using the Bloomberg Terminal.
- Adapted a quantitative strategic portfolio allocation strategy.
- Skills: Bloomberg, quantitative finance, momentum and value strategies, Excel VBA, portfolio aggregation

Co-President and Board Member, Caltech Student Investment Fund

October 2015 - Present
- Managing $600K investment portfolio.
- Researching and developing quantitative algorithms for security valuation and allocation.
- Developing a series of lectures in value investing which can be viewed here: https://drive.google.com/drive/folders/0B8xg0BH1sKPLS24zZWM0bExhXzg?usp=sharing.
- Created a blog for analyst updates and reports which can be viewed here: caltechsifupdates.blogspot.com/search/label/Minutes.

- Skills: financial analysis, portfolio management, value investing, trading algorithm

Marketing Manager, Efficient Living and Global Goddess Beauty
June 2015 - Present
- Researched and implemented a SEO strategy for the Amazon advertising platform.
- Expanding online business into Japan using the Fulfillment by Amazon platform.
- Managing relationship with an international trading company.
- Skills: Fulfillment by Amazon, international expansion, Amazon advertising

Assistant Editor, Scoutables
June 2016 - September 2016
- Established the Scoutables brand as a reliable sports media source for baseball fans by using data analytics tools from Twitter, Facebook, Reddit, and Mailchimp.
- Skills: Mailchimp, data analytics, growth hacking

Treasurer, Caltech Entrepreneurship Club
October 2015 - Present
- Connecting Caltech students to the venture capitalists and entrepreneur mentors they need to create revolutionary businesses.
- Skills: event planning, budgeting

Executive Committee Board Member, Caltech Y
November 2016 - Present
- Organize and manage all student programming, including: Explore LA, Alternative Spring Break, and Cultural Events
- Skills: community service, outreach

Education:
Caltech, 2015-Present
- Undergraduate double major in Computer Science and Business, Economics, and Management

Languages and Tools:
- English
- Chinese
- Python (scikit-learn, numpy, matplotlib)
- C/C++
- Unity (C#)
- VBA for Excel

References:
Available upon request.