Richy Chen

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EDUCATION

Claremont McKenna College   **Claremont, CA**
Bachelor of Arts in Computer Science and Economics   May 2020
- **GPA: 3.85 / 4.00**
- **Favorite Coursework:** Machine Learning, Neural Networks, Software Development, Algorithms
- **Activities:** Mentor at Quantitative Computing Lab, Manager and Researcher at Lower Institute of Political Economy

PROJECTS & ACTIVITIES

Development Projects   **Claremont, CA**
Developer   April 2018 - Present
- Developing platform for restaurants to offer tableside digital services, such as ordering food, asking for water etc. via customers' and servers' mobile phones using React and Rails
- Explored NLP approaches, such as BERT and LambdaRank, to find features of grocery products and generate and rank questions to improve Walmart voice-ordering services (a Harvey Mudd Clinic project for WalmartLabs)
- Tested two recurrent neural networks (LSTM and Echo State Network) for ability to predict financial markets, and followed AGILE methods to develop web application to let users visualize the results of model
- Designed and developed iOS app using Swift that takes photos, automatically puts pictures of notes into separate album, and allows users to conveniently add and search tags for photos at CalTech Hackathon 2019

Claremont Consulting Group   **Claremont, CA**
Managing Director   January 2017 – May 2020
- Project managed a team of 7 to help startup client in health space figure out the best ways to fundraise through equity financing, exploring options such as different exchanges to IPO on and accessing Over-The-Counter markets
- Led team of 5 to research and call potential corporate clients for Cisco's new smart technology platform and deliver strategy for disrupting six industries by presenting the dominance and openness to IoT of companies in each industry
- Collaborated with team to find the cause of B2C client's decrease in ROI from Facebook marketing by researching trends on the platform, changes in the digital ads market and in Facebook

WORK & LEADERSHIP EXPERIENCE

WalmartLabs (via Harvey Mudd Clinic Program)   **Claremont, CA**
Software Engineer   September 2019 – May 2020
- Worked with a team to explore methods of extracting product features and generating product questions from Walmart.com data
- I focused on implementing BERT for transforming words into embeddings and LambdaRank for ranking generated questions

J.P. Morgan Chase   **Hong Kong**
Global Markets Summer Analyst   June 2019 – August 2019
- Built an Excel tool that uses Bloomberg data and helps traders find significant, competitor flow information, with features such as different regions, automatically creating emails to the team, and specifying "significance" percentage
- Recreated an investible index and back-tested the strategy to determine whether it could be marketed as a tracking index and designed marketing material for the index

Asia Pacific Investment Partners   **Ulaanbaatar, Mongolia**
Emerging Markets Research Analyst   June 2018 – August 2018
- Researched Mongolia's real estate and financial markets, and interviewed local businesspeople to write annual research report and educational blogs about the foreign exchange rate, foreign direct investment, and fintech startup
- Built demand books of real estate and emerging markets equity investors using Hubspot and LinkedIn Sales Navigator, which is now being used for targeted marketing for both the firm's private placement and its real estate projects

SKILLS & INTERESTS

- **Technical skills:** Rails, React, Ruby, Python, HTML, CSS, JavaScript, Swift, Microsoft Office
- **Languages:** Chinese (Spoken: Advanced, Written: Intermediate)
- **Interests:** Reading, tutoring, travelling and exploring cultural stories, looking at unique architecture, food