

# JIAQI CHENG

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## EDUCATION

**University of California, Berkeley**

M.A. in Statistics, GPA: 3.7/4.0

Berkeley, CA

08/2020 – 05/2021

**University of Illinois Urbana-Champaign**

Bachelor of Science, Actuarial Science & Statistics, GPA: 3.9/4.0

Champaign, IL

08/2016 – 05/2020

**App Academy**

Immersive software development course with focus on full stack web development

San Francisco, CA

02/2022 – 08/2022

## RELATED PROJECTS

**Wehelp** - user reviews and recommendations for local restaurants

[Live Site](#) | [Github](#)

**(JavaScript, React/Redux, Python/Flask, HTML, CSS, PostgreSQL, AWS, Google Maps Platform)**

- Designed and Constructed backend database and 7 API routes by utilizing Python/Flask and PostgreSQL
- Completed 4 full CRUD features (authentication, businesses, reviews, and image upload) with React/Redux
- Accomplished 4 extra functionalities (file upload, search/filter, Google Map display and Geocode by applying external resources such as AWS and Google Maps Platform)
- Achieved pixel perfect frontend design with vanilla CSS

**Know Yourself** - share, compose, and comment on psychological articles

[Live Site](#) | [Github](#)

**(JavaScript, React/Redux, Express/Node.js, HTML, CSS, PostgreSQL, CKEditor)**

- Designed and Constructed backend database and 5 API routes by utilizing Express.js and PostgreSQL
- Completed 3 full CRUD features (authentication, articles and comments) with React/Redux
- Implemented Rich Text Editor and formatted display features by applying CKEditor and react-html-parse
- Designed the UI/UX layouts with Figma and carried out with vanilla CSS

## WORK EXPERIENCES

**Silk Road Fund Co., Ltd**

Beijing, China

*Data Analyst Intern*

06/2018–08/2018

- Scraped financial data from Bloomberg and Wind Terminal through commercial API; cleaned and filtered data by utilizing Numpy and Pandas
- Visualized the growth trend of Chinese agricultural industry including the market shares of each agricultural sub-sector using Python matplotlib and seaborn library
- Implemented the Cobweb Model on CPI data to examine the periodic price change in the agricultural industry
- Utilized Regression Discontinuity methods to analyze the impact of public policies on agriculture

**Pallet 9**

Anchorage, AK

*Product Manager*

04/2021–08/2021

- Analyzed market research results to formalize the product requirement document and defined MVP features
- Established the product wireframe and UI/UX design for both PC & Mobile versions with figma
- Planned and overseen the DevOps process using agile approach, to ensure the MVP launch on time
- Collected and analysed the user experience data and competitor's products information in order to determine product promotion strategies and the directions of product improvement

## SKILLS

- Programming: JavaScript, Python, R, SAS, SQL
- Technologies: React/Redux, flask, Express, Sequelize, PostgreSQL, AWS, Google Maps Platform, PyTorch, Apache Spark, Pandas, Numpy