



JUSTIN QU

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COURSES

COMPLETED

CS61A: Structure and Interpretation of Computer Programs

CS61B: Data Structures

CS70: Discrete Mathematics and Probability

CS61C: Great Ideas in Computer Architecture

CS170: Efficient Algorithms and Intractable Problems

CS160: User Interface Design and Development

UPCOMING

CS170: Efficient Algorithms and Intractable Problems

CS160: User Interface Design and Development

CS161: Computer Security

SKILLS

PROGRAMMING

Python

Java

C

MySQL

Scheme

LaTeX

HTML

CSS

MISCELLANEOUS

Adobe Suite

- XD
- Illustrator
- InDesign
- Lightroom

Figma

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY | REGENTS' AND CHANCELLOR'S SCHOLAR

Computer Science | Economics | Berkeley Certificate in Design Innovation

Expected Graduation May 2022 | Berkeley, California

EXPERIENCE

DBS PRIVATE BANK | CHIEF INVESTMENT OFFICER TEAM ANALYST

May - Aug 2019 | Singapore, Singapore

- Analyze global cross-asset financial classes (ex. equities, bonds, currencies).
- Research thematic investment areas and industry leaders within those sectors. Work with product team to identify potential single securities and product structures.
- Build presentations, working with both internal and external communications teams, and write investment thematic reports in publications such as the 3Q19 and 4Q19 Chief Investment Office Insights.
- Create a working prototype from scratch for the next iteration of DBS Private Bank's website, to be implemented in 2020

ACTIVITIES

BERKELEY MODEL UNITED NATIONS | DEPUTY OF MARKETING

Sep 2018 - Current | Berkeley, California

- Run the BMUN conference, which attracts over 2000 delegates annually. Personally help manage, teach, and judge a committee of up to 200 delegates.
- Create materials for corporate partnerships and maintain communications with sponsors.
- Maintain the BMUN website, the Delegate Access app, as well as Huxley, the BMUN conference management system.
- Visit local high schools during outreach sessions and teach students about the United Nations' functions, as well as about BMUN.

REGENTS' AND CHANCELLOR'S SCHOLARS ASSOCIATION | MEDIA MARKETING

Sep 2018 - Sep 2020 | Berkeley, California

- Publicize and photograph activities and events for Regents' and Chancellor's Scholars Association (RCSA).
- Teach members how to use graphic design applications and editing software.
- Publish an online yearbook, which involves shooting and editing headshots as well as compiling event photos throughout the year.
- Design the cover photo of RCSA, as well as general membership and limited event merchandise.

POLITICAL COMPUTER SCIENCE | LEAD/PROGRAMMER

Jan - May 2019 | Berkeley, California

- Develop the Twitter Toolkit Chrome extension
- Present team deliverables and assist in creating live demonstrations. Create the presentation for the final product, along with walkthroughs and statistics.

NOTABLE PROJECTS

ANDROID IMAGE LABELLER

- Created an application that returned a list of items identified in the image taken by the user.
- Implemented features to draw customizable bounding boxes around identified objects and label them.
- Enabled by Android SDK, Java, and Google Cloud Vision API.

ANDROID LOCATION-BASED MESSAGE BOARD

- Created an application that allowed users to post comments under a certain landmark when they are a certain distance away from it. They cannot interact with landmarks unless they are within 10 meters of it.
- Comments, time, and user information are updated in real-time with Firebase.
- Enabled by Android SDK, Java, and Firebase.

ANDROID CRYPTOCURRENCY CONVERTER

- Created an application that allows users to convert cryptocurrencies to standard currencies and vice-versa.
- Implemented features to show exchange rate fluctuations and graphical assets.
- Enabled by Android SDK, Java, web APIs.