# 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
**UPCOMING**
**CS170**: Efficient Algorithms and Intractable Problems
**CS160**: User Interface Design and Development
**CS161**: Computer Security
**CS162**: Operating Systems and System Programming
**ECON140**: Economic Statistics and Econometrics
**ECON136**: Financial Economics

## SKILLS
**PROGRAMMING**
Python
Java
Javascript
C
MySQL
Scheme
LaTeX
**MISCELLAEOUS**
Excel
Photoshop
Premiere
Indesign
Illustrator
Lightroom

# 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

## POLITICAL COMPUTER SCIENCE | LEAD/PROGRAMMER
Jan - May 2019 | Berkeley, California
- Develop the Twitter Toolkit Chrome extension (see Notable Projects).
- Present team deliverables and assist in creating live demonstrations. Create the presentation for the final product, along with walkthroughs and statistics.

## REGENTS' AND CHANCELLOR'S SCHOLARS ASSOCIATION |
MEDIA MARKETING COMMITTEE
Sep 2018 - Current | 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.

## BERKELEY MODEL UNITED NATIONS | SECRETARIAT
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.
- 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.

## MEMBER OF PARLIAMENT'S OFFICE | OUTREACH ASSISTANT
Jun - Aug 2017 | Burnaby, British Columbia
- Canvass voting districts/priority neighborhoods and arranged public events for Canadian Member of Paliament Terry Beech to attend.
- Create a custom Google Maps for the Liberal Party that integrates voter sentiment data and the distribution of donors.
- Manage the social media presence of Terry Beech's office and communicate with student activist groups.

# NOTABLE PROJECTS
## TWITTER TOOLKIT
- Create a Google extension that performs sentiment analysis on tweets and scores them based on credibility and bias.
## BEARMAPS
- Implement the back-end portion of a Google Maps-esque navigation app for the city of Berkeley in Java using the A* search algorithm.