

# HELEN CHEN

hjjc@uchicago.edu • www.helenjjchen.com • 408.406.2328

## EDUCATION

University of Chicago Chicago, IL  
B.A. Economics, B.S. Statistics 2020  
Dean's List

## COURSEWORK

\* Winter 2018 Classes

### Economics

- Elements of Economic Analysis I, II, III\*

### Mathematics / Statistics

- Statistical Theory and Methods I\*
- Numerical Linear Algebra
- Math Methods for Physical Sciences I, II
- Calculus 3

### Computer Science

- Computer Science with Applications I, II\*

## DATA TOOLS

Python 

Excel 

SQL 

R 

MATLAB 

## CREATIVE TOOLS

Illustrator 

InDesign 

Photoshop 

HTML/CSS 

Sketch 

## HOBBIES

Playing chess, drinking coffee, hiking,  
reading investigative journalism and  
profiles, watching Criminal Minds and  
Netflix Comedy Specials, brunching,  
exploring, writing

## EXPERIENCE

Celential.ai Mountain View, CA  
Data Science Intern June 2017 – Sept 2017

- Coded with Python, regex to capture patterns, phrases in email responses
- Retrained machine learned CCA, PCA models with correctly labeled emails
- Increased overall email classifier accuracy by over 10%, "Negative Later" label by 36%, "Review" label by 19%
- Revamped company website with HTML/CSS changes, icons, website copy

Yale Young Global Scholars New Haven, CT  
Politics, Law, and Economics July 2015

- Participated in two week of intensive discussion, lectures taught and led by Yale faculty and students
- Researched, presented Capstone project, essay on Ebola and its effects on the world economy with three others

*The Daily Californian* Berkeley, CA  
Graphic Artist July – August 2014, July – September 2015

- Designed infographics biweekly for UC Berkeley's student newspaper
- Attended weekly Design Department meetings to discuss improvements

## ACTIVITIES

*The Chicago Maroon* Chicago, IL  
Data Analyst / Design Associate September 2016 – Present

- Analyzed data using Python with Pandas for Maroon Data Analysis to take on more data-driven stories
- Created layouts in InDesign for UChicago's student newspaper, primarily focusing on the Arts section

Oeconomica Chicago, IL  
Health Insurance Cohort Member September 2017 – Present

- Attended weekly meetings to analyze, discuss research papers related to the economics of health insurance
- Using R to analyze data, conducting research, writing paper for rest of year

TEDxUChicago Chicago, IL  
Logistics Chair March 2017 – Present

- Overseeing details for 2018 conference "Look Again"
- Created branding material, promotional graphics as Creative Design Chair for 2017 conference "Changing Channels" which had over 250 attendees
- Designed all programs, t-shirts, lanyards, social media banners in six weeks