# **HELEN CHEN**

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# **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 (ECON 200, 201, 202\*) Math / Stats: Statistical Theory and Methods I (STAT 244\*); Numerical Linear

Algebra (STAT 243); Math Methods for Physical Sciences I, II (MATH 200, 201);

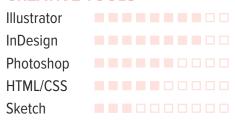
Calculus 3 (MATH 153)

Computer Science: Computer Science with Applications I, II (CMCS 121, 122\*)

# **DATA TOOLS**

Python	
Excel	
SQL	
R	
MATLAB	

#### **CREATIVE TOOLS**



## **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