

# Daniel Li

<http://daniel-li.me>  
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## Education

### Columbia University

Area in Computer Science:  
Natural Language Processing  
Human Computer Interaction  
Ph.D Fall 2018 - Spring 2022  
M.Phil Fall 2018 - Spring 2021  
Advisor: Prof. Lydia Chilton

### University of California, Berkeley

Area in Electrical Engineering  
& Computer Science  
M.Sc Fall 2017 - Spring 2018  
B.Sc Fall 2014 - Spring 2017

## Skills

### Financial Instruments

Derivatives : Equities : Crypto

### Trading & Risk Analysis

Discretionary : Technical (Signals)

### Programming

Python : LaTeX : HTML

### Frameworks & Libraries

PyTorch : Tensorflow : NumPy

### Design & UI & UX

Figma : Prototyping

## Coursework

### Graduate Level

Algorithms & Uncertainty  
Beyond Worst Case Analysis  
Combinatorial Algorithms  
Computational Geometry

## Awards & Misc.

Google Cloud Grant  
NVIDIA Grant  
ICLR Travel Award  
Vaccinated (2021)  
CS:GO SMFC (2017)

## Industry Experience

### Unnamed Capital Group

Co-Founder (total team of 2)

- 7 figure USD accounts (various instruments), 400% ROI since inception

March 2017 : Present

Securities Trading

### Dekrypt.Capital

Limited Partner

- Blockchain and privacy-preserving focused firm, mid 8 figure USD AUM

February 2018 : Present

Venture Capital

### Google Research

Research Intern @ Cloud AI Translation

Summer 2021

Natural Language Processing

### Google Research

Research Intern @ Google Translate

Summer 2020

Natural Language Processing

### Memorial Sloan Kettering Cancer Center

Researcher @ Dana Pe'er Lab

Summer 2019

Computer Vision & Imaging

### NEC Research Institute

Research Intern

Summer, Fall 2017

Natural Language Processing

### Factual Inc.

Software Engineering Intern

Summer 2016

Natural Language Processing

## Academic Experience

### NLP & HCI @ Columbia University

PhD Researcher @ {Chilton}

Fall 2020 : Present

Natural Language Processing

### CompBio @ UC-Berkeley, Columbia University

Research @ {Pe'er, Rao, Pachter}

Fall 2016 : Fall 2020

Machine Learning & Biology

### TA @ UC-Berkeley, Columbia University

Graduate Student Instructor

Fall 2017 : Spring 2020

6 Semesters

## Publications

Daniel Li\*, Thomas Chen\*, Albert Tung, Lydia Chilton. *Hierarchical Summarization for Longform Spoken Dialog*. **UIST 2021**

Jennifer Chen, Faisal Ladhak, **Daniel Li** and Noémie Elhadad. *Incorporating Human Explanations for Robust Hate Speech Detection*. **ACL-IJCNLP 2021 Workshop**

Daniel Li, Te I, Naveen Ari, Colin Cherry, Dirk Padfield. *Sentence Boundary Augmentation for Neural Machine Translation Robustness*. **ICASSP 2021**

Daniel Li\*, Jenny Chen\*, ... , Itsik Pe'er. *Counterfactual Hypothesis Testing of Tumor Microenvironment Through Semantic Image Synthesis*. **Under Review at Nature Methods**

Daniel Li, Asim Kadav. *Adaptive Memory Networks*. **ICLR 2018 Workshop**