

Daniel Li

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Education

Columbia University

Area in Computer Science
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

Programming

Python : Java : R : LaTeX : HTML

Frameworks & Libraries

PyTorch : Tensorflow : NumPy

Mathematics & Statistics

Statistics : Algebra : Topology

Design & UI & UX

Figma : Prototyping

Coursework

Graduate Level

Algorithms & Uncertainty
Beyond Worst Case Analysis
Combinatorial Algorithms
Computational Geometry
Deep Learning
Statistical Inference

Awards & Misc.

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

Industry Experience

Unnamed Capital Group

Co-Founder (total team size of 2)

- 8 figure (USD, notional) accounts (various instruments), 400% ROI

March 2017 : Present

Securities Trading

Dekrypt.Capital

Limited Partner

- Focused on blockchain infrastructure and privacy-preserving technologies

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. *Controlled Hierarchical Summarization for Longform Spoken Dialog*. **Under Review at UIST 2021**

Jennifer Chen, Faisal Ladhak, Daniel Li and Noémie Elhadad. *A Short Study on Spurious Correlations in Hate Speech Detection with Language Models*.

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

Daniel Li, Qiang Ma, Jenny Chen, Andrew Liu, ... , Itzik 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**