

Daniel Li, Ph.D.

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Education

United States Army

OCS Commission April 2023

Columbia University

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

University of California, Berkeley

Area in Electrical Engineering
& Computer Science
M.Sc. Aug. 2017 - May 2018
B.Sc. Aug. 2014 - May 2017
Advisor: Prof. Satish Rao

Skills

Financial Instruments

Derivatives : Equities : Crypto :
Venture Capital

Trading & Risk Analysis

Discretionary : Technical (Signals) :
Tax & Compliance

Programming

Python : LaTeX : Bash : CSS/HTML

Frameworks & Libraries

PyTorch : Tensorflow : NumPy :
Hugging Face : AllenNLP

Natural Language Processing

Summarization : Translation :
Question Answering Systems

Design & UI & UX

Figma : Omnigraffle : Prototyping

Awards & Misc.

Google Cloud Grant 2x

NVIDIA Grant

5 star Uber passenger rating

CS:GO SMFC (2017)

Able to see in the dark

Current Position(s)

Proprietary Trading Group¹

Co-Founder (total team of 2)

- Mid 7 figure USD accounts, low 8 figure USD notional position sizing.
- Performance: 550% ROI since inception (as of Q1'22)

March 2017 : Present

Trading & Finance

Dekrypt Capital

Limited Partner (LP)

- Blockchain and privacy-preserving focused firm, 9 figure USD AUM

February 2018 : Present

Venture Capital

United States Army (Active Duty)

Officer Candidate (O9S)

- Intended MOS: 11A (door kicker, trigger puller)

October 2022 : Present

Military Service

Industry Experience

Google Research & Machine Intelligence

Researcher @ Cloud AI Translation

May 2021 : February 2022

Natural Language Processing

Google Research & Machine Intelligence

Researcher @ Google Translate

May 2020 : February 2021

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. (Foursquare)

Software Engineering Intern

Summer 2016

Natural Language Processing

Academic Experience

NLP & HCI @ Columbia University

PhD Researcher @ Computational Design Lab

- Doctoral Thesis: *Enabling Structured Navigation of Longform Spoken Dialog with Automatic Summarization*

August 2019 : September 2022

Natural Language Processing

TA @ UC-Berkeley, Columbia University

Graduate Student Instructor

September 2017 : May 2020

6 Semesters

Rao Group @ UC-Berkeley

Research Assistant

- Master's Thesis: *Adaptive Memory Networks*

September 2015 : May 2018

Machine Learning & Biology

Selected Publications

Daniel Li*, Thomas Chen*, Albert Tung, Lydia Chilton. *Improving Automatic Summarization for Browsing Longform Spoken Dialog*. CHI 2023

Daniel Li, Junpei Zhou, Music Li, Lydia Chilton. *Towards Practical Translation Quality Estimation in Bilingual Models*. Under Review.

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

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

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

¹ Using personal assets among co-founders, currently not incorporated as any entity. Not in any active positions as of Q1'22.