

Daniel Li, Ph.D.

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Education

United States Army

OCS Commission May 2023^T

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

March 2017 : Present

Co-Founder (total team of 2)

Trading & Finance

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

Dekrypt Capital

February 2018 : Present

Limited Partner (LP)

Venture Capital

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

United States Army (Active Duty)

October 2022 : Present

Officer Candidate (O9S)

Military Service

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

Industry Experience

Google Research & Machine Intelligence

May 2021 : February 2022

Researcher @ Cloud AI Translation

Natural Language Processing

Google Research & Machine Intelligence

May 2020 : February 2021

Researcher @ Google Translate

Natural Language Processing

Memorial Sloan Kettering Cancer Center

Summer 2019

Researcher @ Dana Pe'er Lab

Computer Vision & Imaging

NEC Research Institute

Summer, Fall 2017

Research Intern

Natural Language Processing

Factual Inc. (Foursquare)

Summer 2016

Software Engineering Intern

Natural Language Processing

Academic Experience

NLP & HCI @ Columbia University

August 2019 : September 2022

PhD Researcher @ Computational Design Lab

Natural Language Processing

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

TA @ UC-Berkeley, Columbia University

September 2017 : May 2020

Graduate Student Instructor

6 Semesters

Rao Group @ UC-Berkeley

September 2015 : May 2018

Research Assistant

Machine Learning & Biology

- Master's Thesis: *Adaptive Memory Networks*

Selected Publications

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

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.

^T Anticipated and in progress