

Daniel Li

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Education

United States Army
OCS Commission *Mar. 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
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
Design & UI & UX
Figma : Omnigraffle : Prototyping

Awards & Misc.

Google Cloud Grant 2x
NVIDIA Grant
5 star Uber passenger rating
CS:GO SMFC (2017)

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 (09S) Military Service

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 User Navigation and Browsing of Longform Spoken Dialog*. In Submission.

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.

[†] Anticipated and in progress