

# Daniel Li

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## Education

**United States Army**  
OCS Commission *Mar. 2023*<sup>†</sup>

**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 Group**<sup>1</sup> 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**.

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

<sup>†</sup> Anticipated and in progress