Daniel Li

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write2daniel.li[at]gmail.com

Education

United States Army
OCS Commission   *Mar. 2023*[*]

Columbia University
Area in Computer Science:
Natural Language Processing
Human Computer Interaction
Ph.D   Aug. 2018 - Sept. 2022
M.Phil Aug. 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
Design & UI & UX
Figma : Omnigraffle : Prototyping

Awards & Misc.

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

Current Position(s)

Proprietary Trading Group[1]   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   Summer, Fall **2021**
Researcher @ Cloud AI Translation   Natural Language Processing

Google Research   Summer, Fall **2020**
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   Fall 2018 : **Summer 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   Fall 2017 : **Spring 2020**
Graduate Student Instructor   6 Semesters

Rao Group @ UC-Berkeley   Fall 2015 : **Spring 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.