Daniel Li

http://daniel-li.me
write2daniel.li[at]gmail.com

Education

Columbia University
Area in Computer Science
Ph.D   Fall 2018 - Spring 2022
M.Phil Fall 2018 - Spring 2021
Advisor: Prof. Lydia Chilton
University of California, Berkeley
Area in Electrical Engineering
          Computer Science
M.Sc Fall 2017 - Spring 2018
B.Sc Fall 2014 - Spring 2017

Skills

Programming
Python : Java : R : LaTeX : HTML
Frameworks & Libraries
PyTorch : Tensorflow : NumPy
Design & UI & UX
Figma : Prototyping
Finance Instruments
Derivatives : Equities : Crypto
Trading & Risk Analysis
Discretionary : Technical (Signals)

Coursework

Graduate Level
Algorithms & Uncertainty
Beyond Worse Case Analysis
Combinatorial Algorithms
Computational Geometry
Deep Learning
Statistical Inference

Awards & Misc.

Google Cloud Grant
NVIDIA Grant
ICLR Travel Award
Vaccinated (2021)
CS:GO SMFC (2017)

Industry Experience

Unnamed Capital Group	March 2017 : **Present**
Co-Founder (total team of 2)	Securities Trading

- 7 **figure USD** accounts (various instruments), **400% ROI** since inception

Dekrypt.Capital	February 2018 : **Present**
Limited Partner	Venture Capital

- Focused on blockchain infrastructure and privacy-preserving technologies

Google Research	Summer **2021**
Research Intern @ Cloud AI Translation	Natural Language Processing

Google Research	Summer **2020**
Research Intern @ 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.	Summer **2016**
Software Engineering Intern	Natural Language Processing

Academic Experience

NLP & HCI @ Columbia University	Fall 2020 : **Present**
PhD Researcher @ {Chilton}	Natural Language Processing

CompBio @ UC-Berkeley, Columbia University	Fall 2016 : **Fall 2020**
Research @ {Pe'er, Rao, Pachter}	Machine Learning & Biology

TA @ UC-Berkeley, Columbia University	Fall 2017 : **Spring 2020**
Graduate Student Instructor	6 Semesters

Publications

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

Jennifer Chen, Faisal Ladhak, **Daniel Li** and Noémie Elhadad. *A Short Study on Spurious Correlations in Hate Speech Detection with Language Models*. ACL-IJCNLP 2021 Workshop

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

Daniel Li*, Jenny Chen*, … , Itsik Pe'er. *Counterfactual Hypothesis Testing of Tumor Microenvironment Through Semantic Image Synthesis.* **Under Review at Nature Methods**

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