

Daniel Li

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Born: February 9, 1997—Beer-Sheva, Israel

Nationality: American/Chinese

Current position(s)

Co-Founder, Alpha Echelon Group @ alphaechelon.group.
Co-Founded with 3 others with \$6M USD under management

Research Assistant, University of California, Berkeley.
Pachter Group

Research Assistant, University of California, Berkeley
Rao Group

Graduate Student Instructor, University of California, Berkeley
CS 160 - Human Computer Interaction

Research Interests

Machine Learning • Deep Learning • Computational Biology

Positions held

- 2017S NEC Laboratories, Research Assistant
- Deep learning on memory recurrent networks and video action recognition.
 - Only *undergraduate* research assistant in Ph.D level work and in the accepted candidate pool
- 2016S Factual Inc, Software Engineering Intern
- Entity resolution of databases semantic similarity, clustering, and artificial neural networks
- 2012S, 2013S University of California, Irvine Calitz, Research & Development Intern

Education

- 2018- Ph.D. Computer Science, Columbia University. *Entering Fall 2018.*
- 2017-2018 M.Sc. Electrical Engineering and Computer Science, University of California, Berkeley. *In progress.*

- 3.85/4.0 GPA

2014-2017 B.Sc. Electrical Engineering and Computer Science, University of California, Berkeley.
• 3.96/4.0 GPA Upper Division & Graduate Division
• 3.65/4.0 GPA Cumulative

2011-2014 DIPLOMA. La Cañada High School
• 4.7/4.0 GPA

Honors & awards

2017 NVIDIA Grant – awarded Titan Xp GPU, University of California, Berkeley
2016 Dean’s Honors – awarded to top 10% (3.9 GPA) of the class, University of California, Berkeley
2014 MIT Think Award – awarded \$2,000, Massachusetts Institute of Technology
2014 Summa Cum Laude – awarded to top 5% of graduating class

Papers

2017 *Daniel Li, Asim Kadav. Adaptive Memory Networks, University of California, Berkeley, NEC Laboratories America. NIPS 2017 Workshop: Deep Learning at Supercomputer Scale.. ICLR 2018 Workshop*
In Progress *Daniel Li, Vasilis Ntranos. k-NN Based Denoising Autoencoder for Single Cell RNA Data Imputation, University of California, Berkeley.*

Talks

2016s Li, Daniel, *Latent Dirichlet Allocation and Applications in Data Deduplication*, Factual Inc. June 9, 2016

Coursework

2** DENOTES GRADUATE DIVISION

1** DENOTES UPPER DIVISION

M.Sc.** DENOTES TIME AS A M.Sc. STUDENT

B.Sc.** DENOTES TIME AS A B.Sc. STUDENT

- M.Sc. FA 2017 *University of California, Berkeley*
(IP) Computer Science 294-134 – Beyond Worst Case Analysis
CS 294-131 – Deep Learning
CS 299 – Research Thesis under Professor Satish Rao
- B.Sc. SP 2017 *University of California, Berkeley*
Computer Science 270 – Combinatorial Algorithms & Data Structures
Computer Science 274 – Computational Geometry
Computer Science 294-131 – Special Topics in Deep Learning
Computer Science 194-131 – Designing Technology to Combat Violent Extremism
Electrical Engineering 16B – Designing Information Devices and Systems II
Industrial Engineering & Operations Research 192 – Entrepreneurship
Information 88A – Data and Ethics
Physics 49 – Thermodynamics
Computer Science 199 – Research under Professor Lior Pachter
Computer Science 199 – Research under Professor Satish Rao
- B.Sc. FA 2016 *University of California, Berkeley*
Computer Science 170 – Efficient Algorithms & Intractable Problems
Computer Science 194-26 – Computational Photography
Computer Science 294-128 – Algorithms and Uncertainty
Computer Science 199 – Research under Professor Lior Pachter
Computer Science 199 – Research under Professor Satish Rao
- B.Sc. SP 2016 *University of California, Berkeley*
Computer Science 61C – Machine Architectures
Computer Science C8 – Introduction to Data Science
Computer Science 160 – Human Computer Interaction
Computer Science 199 – Research under Professor Lior Pachter
College Writing 25AC – United States Education
College Writing 10A – Introduction to Public Speaking
College Writing 9C – Academic Writing
- B.Sc. FA 2015 *University of California, Berkeley*
Computer Science 70 – Discrete Mathematics & Probability Theory
Electrical Engineering 16A – Designing Information Devices and Systems I
Computer Science 199 – Research under Professor Lior Pachter
History 162A – Europe and the World: Wars, Empire, Nations 1648-1914
- B.Sc. SU 2015 *University of California, Berkeley*
Mathematics W53 – Multivariable Calculus

California State University, Fullerton

Physics 226 – Electricity & Magnetism
Physics 226L – Electricity & Magnetism Lab

B.Sc. SP 2015

University of California, Berkeley

Mathematics 54 – Linear Algebra and Differential Equations

Computer Science 61B – Data Structures

Physics for Scientists and Engineers 7A – Mechanics

Education 190 – Critical Studies in Education

Computer Science 98 – Directed Group Study

B.Sc. FA 2014

University of California, Berkeley

Computer Science 61A – Structure and Interpretation of Computer Programs

Mathematics 1A – Calculus

Earth & Planetary Science C129 – Biometerology

Education 186AC – The Southern Border

Comparative Literature R1B – Comparative World Literature

Mechanical Engineering 98 – Directed Group Study