

Contact Information

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Phone: Available on request
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Researcher at Median Group. References available on request.

Education BA in Mathematics, UC Berkeley (May, 2018).

Research *Median Group* March 2018-Present

Modelling and forecasting progress in AI.
Currently looking into creating more in-depth
models of AI-relevant technological progress and
investigating possible impacts of emerging
hardware and imaging paradigms.

Unaffiliated Research January 2018-Present

Collected and analyzed recordings of Pacific
herring FRT (fast-repetitive-tick)
communication. Currently investigating
similarities to neural spike trains, rate codes, and
possible connections to schooling and spawning
behavior.

Redwood Center for Theoretical Neuroscience May 2017-February 2018

Investigated coupled-oscillator and spectral
methods for community detection in economic,
social, and biological networks using
computational and theoretical tools.

Invited Seminars “Quantitative models of AI progress and
timelines”, Center for Human-Compatible AI. June 6th, 2018

Honours and Awards Dean’s List, UC Berkeley 2017

First Prize in Mathematics Fair, Laney College 2015

Employment History *Co-founder and Researcher* March 2018-Present
Median Group
Directed test trial of Socratic Initiative, an
experiment in discourse focused around
production of belief maps and crux

identification.

Developed models and forecasts of trends in AI research.

Teaching Assistant

June 2017-July 2017

UC Berkeley, Department of Mathematics

Marked assignments and provided feedback for upper-division linear algebra course.

Production Analyst

July 2015-October 2016

EnChroma, Inc

Designed and implemented production and inventory tracking software and procedures, assisted in development of optical lens manufacturing process.

Assistant

March 2015-July 2015

Lawrence Berkeley National Lab

Led workshops on physical science, explained concepts underlying Advanced Light Source operation and molecular imaging.

Research Assistant

December 2014-January 2015

Graduate Theological Union

Assisted in gathering of research materials on the philosophy of time.

Professional Skills

Python, Matlab, R
Numerical Computing
Mathematical Modelling