

Contact Information

2226 7th St. Apt A
Berkeley, CA 94710

Phone: Available on request
Email: baeo@mediangroup.org
Website: <http://maltinsky.net>

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
Median Group*

March 2018-Present

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.

Coordinator

November 2013-April 2014

Black Pine Circle School

Helped coordinate after-school technology and MakerClub for grades 6-8, assisted students in projects ranging from Arduino programming to 3D printing

Professional Skills

Python, Matlab, R
Numerical Computing
Mathematical Modelling