Rehan Chinoy

330 De Neve Dr, Los Angeles, CA, 90024
(619) 888-5974 | rehanbchinoy@gmail.com | rehanchinoy.com

EDUCATION

University of California, Los Angeles

B.S. in Applied Mathematics and Minor in Neuroscience (Expected graduation: June 2022)

- **Academics**: GPA: 3.9/4.0, ACT: 36/36, SAT Math Level 2: 800/800
- **Relevant Coursework**: Data Structures, Multivariable Calculus, Linear Algebra, Differential Equations, Statistics and Probability, Physics (Mechanics, Electricity and Magnetism), Organic Chemistry, Cell and Molecular Biology
- **Awards & Honors**: Heithoff-Brody Scholar, Del Norte High School Scholar-Athlete of the Year, Captain and MVP of Varsity Soccer Team (led team to league, city, and state titles)

PROFESSIONAL EXPERIENCE

Buonomano Lab, UCLA *(October 2019 – Present)*

Research Assistant

- Trained models of a recurrent neural network to account for temporal invariance in the performance of time-dependent cognitive tasks (delayed memory, matching)
- Quantified dynamics of the network by computing Euclidean distance along neural trajectories in state-space
- Tuned network hyperparameters, including regularization and learning rates, according to research objectives

Systems Neurobiology Lab, Salk Institute for Biological Studies *(June 2017 – August 2017)*

Heithoff-Brody Scholar

- Selected by the Callaway Lab for a project focused on elucidating the mechanisms of neuronal projections between the primary visual cortex (V1) and higher visual areas (V2, V3, etc.)
- Ascended a steep learning curve to learn state-of-the-art lab procedures (light-sheet microscopy & fMRI)
- Gathered data vital to the eventual publication of a paper and presented my work to professors and Salk donors at the Symphony at Salk

Private Tutor *(Summer 2018 and Summer 2019)*

- Tutored SAT & ACT; grew number of clients from 1 to 15 through word-of-mouth and social media marketing
- Utilized various business strategies (group sessions, discounts for multi-hour purchases, etc.) to maximize client performance and business profit
- Fostered vast growth: one client improved 25% on ACT after 8 sessions, and another improved 17% on SAT after 8 sessions; vastly outperformed the market standard of 11% improvement (and in a shorter time-frame)

LEADERSHIP & INVOLVEMENT

Bruin Consulting *(October 2019 – Present)*

Senior Consultant

- One of 5 students selected from a pool of over 300 applicants following a rigorous series of case interviews
- Worked with a Y-Combinator funded startup in the software security industry to expand their market segment; presented deliverable to president of company
- Worked with Reddit to refine their ad-model for mid-market companies

YALLA & Kicks4Kids *(June 2015 – June 2018)*

Business Outreach Intern & Founder/President

- Designed a brochure for the non-profit YALLA and cold-called local businesses to advertise the brochures to clients
- Founded Kicks4Kids, a high school club affiliated with YALLA; set up drives and fundraisers at 5 soccer clubs to collect over 100 pairs of cleats and 200 jerseys for the refugee and migrant youth at YALLA
- Partnered with the American Haitian Foundation to donate over 100 pairs of cleats to an underfunded school in Haiti

SKILLS & INTERESTS

Skills: Tensorflow for deep learning models (RNNs and CNNs), Python, MATLAB & Excel for data manipulation and representation, PowerPoint for simple and effective presentations

Interests: FC Barcelona, Coen Brothers' films, *The New Yorker* cartoons, twee pop, 3Blue1Brown