Jonathan Tu

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SUMMARY

Motivated and analytical recent graduate with a Bachelor's degree in Human Biology and Society, with concentration in Medicine/Public Health from University of California – Los Angeles (UCLA). Seeking to apply my skills in data analytics, problem-solving, and communication in the business intelligence and data analytics sector.

EDUCATION

University of California – Los Angeles (UCLA)   **June, 2022**
Bachelor of Science, *Human Biology and Society, with a concentration in medicine and public health*   *Los Angeles, CA*
- Cum Laude, Dean's Honor List; 3.9/4.0 GPA
- Co-founded Cirque de 'LA (first group dedicated to circus arts at UCLA), and grants/fundraising coordinator for HOOLIGAN Theatre Company for four years

SKILLS

- **Data analytics**: Python (Pandas, Scikit-Learn, Seaborn), R Studio, SQL, Tableau, Microsoft Excel
- **Communication and collaboration**: interpersonal skills, team player
- **Problem-solving**: programming ability in R, statistical methods
- **Other**: MATLAB, Microsoft PowerPoint, Microsoft Word, HTML, GitHub, data entry and handling

WORK EXPERIENCE

UCLA Institute of Society and Genetics   **March 2021 – June 2022**
Research Assistant   *Los Angeles, CA*
- Conducted qualitative coding of 300 professional and academic machine learning papers to analyze research and ethical challenges in model datasets, recommending findings for further academic publications.
- Extracted insights from a large amount of data on user engagement with scientific and pseudo-scientific papers by conducting qualitative coding of academic citations in 250 posts from a variety of sources of social media.
- Performed literature reviews and evaluation of social media engagement to understand polygenic risk scores in clinical and policy contexts, directly impacting grant proposals for further studies in the department.
- Presented findings, conclusions, and recommendations from work assignments to supervisors and team members at weekly meetings.

Arisaka Lab at UCLA Physics and Astronomy Department   **May 2021 – March 2022**
Research Assistant   *Los Angeles, CA*
- Co-authored academic research paper on visual perception of 3D space in relation to time.
    - https://www.biorxiv.org/content/10.1101/2022.03.01.482164v1
- Designed and implemented experiments in Python, collecting data on 56 participants.
- Analyzed data in MATLAB to provide key statistics, and generated data visualizations for reports and final publication.

Trapeze School New York   **June 2017 – Present**
Administrative Assistant & Instructor   *Santa Monica, CA*
- Manage company website (updating daily notices, session schedules/pricing, resolving enrollment issues)
- Maintain database of students and documentation by reviewing data, verifying rosters/payment records, and processing daily equipment inspection reports.
- Instruct flying trapeze classes in a high-stakes, high-visibility, and unpredictable environment by coordinating with team members for thoroughness, conscientiousness, and attention to detail for students' safety.