

Pinak Nayak

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EDUCATION

University of California, Los Angeles (UCLA)

Bachelor of Science (B.S.) in Neuroscience

Los Angeles, CA

March 2020

Certifications - Introduction to Neurohacking in R; Data Management for Clinical Research;

SKILLS AND PROJECTS

EEG, fMRI, Python, R, REDCap, MATLAB: <https://github.com/npinak>

Lab Skills: EEG analysis, fMRI analysis, Statistical Analysis Methods

Software: REDCap, Qualtrics, SPSS, SPM, AFNI, E-Prime, Microsoft Office Suite (Word, Excel, Powerpoint, Outlook, Access)

EXPERIENCE

Ishanya Foundation (Special Education School)

Research Intern

Remote

Aug. 2021 – Present

- Designing a peer counseling group to help autistic young adults cope with the demands of having a job.
- Aiding in the creation of a research grant.
- Participating in group counseling sessions to improve career development for autistic individuals.
- Conducting literature review to create documentation on how to improve peer counseling sessions.

Win Over Cancer (Non-profit Organization)

Content Writer

Remote

March 2021 – July 2021

- Developed newsletters and social media content for cancer healthcare which increased page views by 10%.
- Created Impact Stories to persuade donors to contribute money towards an individual's treatment.
- Assisted in the development of content strategies which persuaded donors to contribute over Rs. 50,000 in aid.

Sagar Hospital

Physician Shadowing / Hospital Volunteering

Bangalore, India

June 2018 – Aug. 2018

- Accompanied the attending doctor on their rounds around the hospital and observed neurological tests on patients.
- Assisted staff with medical treatments and helped speed up appointments by noting down information from patients.
- Ensured that the hospital examination rooms were fully stocked with supplies.

Interaxon (Student Club)

Volunteer

Los Angeles, CA

Sept. 2015 – April 2017

- Presented over 30 posters of unusual phenomena in neuroscience to middle school and high school students.
- Coordinated with club members to organize meeting and practice times.
- Contributed to the creation of presentations and activities for children.
- Trained 5+ members on talking points for presentations.
- Contacted 20+ schools in the LA Unified School District to explain our mission and set presentation times.
- Recruited members by handing out flyers and making announcements in classrooms.

Organization de Scalene (Research Center)

Research Intern

Bangalore, India

June 2014 – July. 2014

- Ordered \$200 worth of lab supplies biweekly.
- Scheduled weekly equipment use timetable to ensure everyone had adequate time in limited lab spaces.
- Designed a research study to identify species of bacteria in water samples and then authored a report based on the findings.

RELEVANT COURSEWORK

Data Management for Clinical Research: Critical concepts and practical methods to support, planning, collection, storage, and dissemination of data in clinical research. Overview of regulatory compliance (HIPAA, GCP, FISMA).

Neuroimage Data Analysis: How to use the R programming language and its associated package to perform manipulation, processing, and analysis of neuroimaging (MRI) data.