

Ilham Abubakar Ali

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PROFESSIONAL SUMMARY

Cognitive Science student at UC Berkeley with a minor in Data Science, focused on the intersection of human behavior, mental health, and technology. Hands-on experience in behavioral data collection, clinical research, and Python-based data analysis. Eager to apply analytical and domain expertise in a health-tech environment.

SKILLS

Programming & Data: Python, R, Data Analysis, Data Visualization, Basic Statistical Methods

Research: Behavioral Data Collection, Experimental Documentation, Cell Culture Fundamentals, Sterile Laboratory Techniques, Biological Sample Handling, Laboratory Safety

Languages: English, Arabic, Masalit

EXPERIENCE

Behavior Technician

June 2026 – Present

Gifted Horizon Therapy

San Diego, CA

- Collect and document behavioral data during therapy sessions to monitor client progress and inform evidence-based treatment decisions.
- Implement individualized behavioral intervention programs under clinical supervision to support clients' communication, social, adaptive, and behavioral skill development.
- Apply evidence-based strategies to encourage positive behaviors and support skill acquisition based on observed behavioral patterns.
- Maintain accurate and confidential session documentation and communicate client progress with supervisors and care teams.

Marketing Director

May 2026 – Present

Biome

- Develop and execute marketing strategies to drive brand awareness, user engagement, and visibility for an early-stage mobile application.
- Conduct market and audience research to identify target users, competitor positioning, and user growth opportunities.
- Track marketing performance and user engagement metrics to evaluate campaign effectiveness and inform future strategies.
- Lead development of the app's brand identity and marketing presence across social media and digital platforms.

Summer Cohort Director

June 2025 – July 2025

First Gen Scholars

San Diego, CA

- Led and mentored a cohort of approximately 20 rising high school seniors through college admissions, financial aid, and scholarship preparation.
- Facilitated college application workshops and educational programming to strengthen college readiness and student confidence.
- Supervised two program staff members to support student engagement and program success.

Cancer Research Intern

August 2024 – August 2024

UCSD Optimus Program

San Diego, CA

- Conducted laboratory research investigating cancer cell behavior and responses to chemotherapy, focusing on adult granulosa tumor cells and mechanisms of tumor growth and metastasis.
- Applied translational cancer research methods and laboratory-based experimental practices including cell culture and biological sample handling.
- Shadowed physicians and researchers to understand connections between biomedical research and clinical care.

PROJECTS

Movie Classification

Python, Machine Learning

- Built a classification model to predict movie characteristics using structured movie data, applying feature selection, similarity-based classification, and model evaluation techniques.
- Processed and analyzed movie datasets using Python and NumPy; evaluated model predictions using quantitative metrics.

World Population & Poverty Analysis

Python, Data Science

- Analyzed global population and economic datasets to investigate relationships between population growth, poverty, and regional development.
- Cleaned, transformed, and visualized datasets using Python; used statistical summaries to identify trends across countries and regions.

Climate Data Analysis

Python, Data Science

- Analyzed historical climate data to identify patterns and trends in temperature and environmental conditions using Python.
- Applied data cleaning, aggregation, visualization, and statistical analysis; interpreted quantitative results to support evidence-based conclusions.

ACTIVITIES & LEADERSHIP

Muslim Mental Health Initiative

September 2023 – Present

Vice President

- Lead initiatives addressing mental health stigma and access barriers within Muslim communities; organize wellness events and coordinate guest lectures with scholars and professionals on mental health awareness and community healing; partner with campus organizations to increase mental health resource accessibility.

Faces of Afro Muslim

September 2023 – Present

External Director

- Advocate for the wellbeing and representation of Black Muslim students at UC Berkeley; coordinate partnerships with campus organizations to expand community support networks and plan cultural programming to foster belonging and community dialogue.

EDUCATION

University of California, Berkeley

Berkeley, CA

Bachelor of Arts in Cognitive Science; Minor in Data Science.

Expected Spring 2027