# ALVIN SON

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## EDUCATION

**University of California, Berkeley**
*Data Analytics Boot Camp* _____ *Aug 2024*

**California State University, Fullerton** _____ **Fullerton, CA**
*Bachelor of Arts in Psychology* _____ *2022-2024*

## PROJECTS

**NBA Stats Analysis** _____ *Jan 2025*
- Conducted an in-depth analysis of 25,000+ NBA game records (1946–2022), identifying key performance metrics such as win-loss trends, margin of victory, and home-court advantages.
- Leveraged advanced SQL queries to extract actionable insights, uncover historical patterns, and spotlight exceptional team achievements.

**History of the Olympics** _____ *Aug 2024*
- Evaluated the impact of economic, political, and health factors on Olympic medal outcomes using robust datasets from OECD, World Bank, and Kaggle.
- Designed and implemented predictive models in Python, combining data analytics with interactive Tableau dashboards to present findings effectively.

**California Fire Analysis** _____ *Apr 2024*
- Analyzed the correlation between climate variables (rainfall and temperature) and wildfire occurrences in California (2013–2024), utilizing Cal Fire and NOAA datasets.
- Processed and visualized 2,000+ data points with Python (Pandas, Matplotlib, Geopandas), uncovering environmental patterns influencing wildfire frequency.

## WORK EXPERIENCE

**CSUF Psychology Department Intern** _____ **Fullerton, CA**
*Professor Assistant* _____ *2023-2024*
- Facilitated engaging in-class sessions and discussions on research methods and statistics for Psychology 300, fostering a deeper understanding of course material.
- Reviewed and provided constructive feedback on assignments and exams, helping students enhance their academic performance.
- Conducted regular office hours, offering personalized academic support and addressing a wide range of student questions and concerns.
- Innovated diverse teaching strategies to accommodate different learning styles, creating an inclusive classroom environment.
- Collaborated with faculty and peers to refine curriculum and teaching practices, contributing to ongoing improvements in course delivery.

**TruAbutment Inc.** _____ **Irvine, CA**
*Dental Implant Design Associate* _____ *2020-2022*
- Developed precisely detailed dental implant models using advanced 3D CAD Design Software,providing accurate and comfortable crowns for over 60 patients per week.
- Utilized computer-aided design (CAD) software to create and modify digital models of dental implants, bridges, and other prosthetic devices, ensuring optimal fit and functionality for each patient.
- Collaborated closely with 50+ Doctors and Dentists nationwide to plan, design, and fabricate dental prostheses tailored to individual patients' unique needs.
- Executed and designed over 2,000 individual implant cases, making significant contributions to the company's success as the youngest employee on the team.

## SKILLS & INTERESTS

**Computer:** Tableau, Microsoft Excel, Python, SQL**,** VBA, SPSS, CAD
**Languages:** English, Korean