# Intern Connect

**AI Engineer**

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Github: www.github.com/internconnect

## EDUCATION

**University of California, Berkeley – Berkeley, CA**

*Bachelor of Science in Computer Science*

Expected Graduation Date: May 2024

Cummulative GPA: 3.90/4.00

• Relevant coursework: Experimental Design and Analysis, Advanced Scientific Computing, Molecular and Cellular Biology

## SKILLS

• Languages: Python, R, MATLAB, Java, C++
• Tools: Bioinformatics Toolkits, TensorFlow, LabVIEW, SPSS, COMSOL Multiphysics

## EXPERIENCES

**Research Trainee**

*BioTech Innovations | San Jose, CA | Jan 2023-Mar 2023*

• Conducted experiments on CRISPR gene editing techniques, achieving a 10% increase in efficiency
• Utilized machine learning to predict protein structures from amino acid sequences
• Collaborated with interdisciplinary teams to publish findings in a top-tier scientific journal

**Research Assistant**

*UC Berkeley Advanced Science Lab | Oakland, CA | Sep 2022-Dec 2022*

• Developed a novel algorithm for analyzing large-scale genomic data
• Conducted simulations on quantum computing platforms to study their potential in scientific research
• Presented research findings at international conferences, receiving recognition for innovative methodologies

**Lab Intern**

*FutureScience Labs | San Francisco, CA | Jun 2022-Aug 2022*

• Assisted in designing experiments related to neurobiology and brain-computer interfaces
• Analyzed experimental data using statistical tools, ensuring accurate and meaningful results
• Collaborated with senior scientists to draft research proposals for grant applications

## PROJECTS

**Neural Network Analysis of Genetic Data**

• Designed a deep learning model to identify genetic markers related to specific diseases
• Validated the model using real-world datasets, achieving a 95% accuracy rate

**Neural Network Analysis of Genetic Data**

• Developed a quantum algorithm to simulate molecular interactions for drug design
• Collaborated with pharmacologists to validate findings and propose potential drug candidates