

Amina Patel

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SUMMARY

Detail-oriented and motivated recent graduate with a Bachelor of Science in Biology. Proficient in laboratory techniques and data analysis, with a strong commitment to advancing scientific knowledge through innovative research.

EXPERIENCE

Research Assistant

Jan 2022 - Present

BioTech Innovations, San Francisco, CA

- Conducted experiments leading to a 20% increase in assay efficiency through optimized protocols.
- Analyzed data using R and Python, contributing to a publication in a peer-reviewed journal.
- Collaborated with a team of scientists to develop a new reagent that reduced costs by 15%.

Laboratory Intern

Jun 2021 - Dec 2021

Green Earth Labs, Berkeley, CA

- Assisted in the development of a new extraction process that cut down lab time by 25%.
- Performed quality control checks on samples, ensuring 99% accuracy in results.
- Supported senior researchers in field studies, collecting and analyzing ecological data.

Undergraduate Researcher

Sep 2019 - May 2021

University of California, Berkeley, Berkeley, CA

- Developed a research project on plant genetics with results presented at the National Conference.
- Managed laboratory inventory and ensured compliance with safety regulations, reducing incidents by 30%.
- Utilized CRISPR technology to conduct experiments that enhanced my understanding of molecular biology.

EDUCATION

Bachelor of Science in Biology

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Molecular Biology Techniques, Data Analysis, Experimental Design, Statistical Methods

Tools & Frameworks: R, Python, CRISPR, LabVIEW