

SAM CHANG

(123) 456-7890 | Email Address | LinkedIn URL

EDUCATION

University of California, Irvine | Irvine, CA

Bachelor of Science, Chemistry

December 20XX

GPA: 3.7/4.0

Relevant Coursework: Organic Chemistry I & II, Analytical Chemistry, Physical Chemistry, Instrumental Analysis

EXPERIENCE

R&D Intern | *Inari Medical* | Irvine, CA

June 20XX – August 20XX

- Utilized analytical techniques to evaluate device materials and designs, contributing to a 15% optimization of product performance.
- Prepared 7 comprehensive technical reports and presented data-driven insights to R&D teams, ensuring compliance with quality system regulations.

Sales Associate | *Home Depot* | Irvine, CA

September 20XX – Present

- Provided exceptional customer service to 50+ customers daily and managed POS systems with 100% accuracy, processing \$800+ in daily sales.
- Trained 3 new hires on store policies and product knowledge, improving team efficiency.

PROJECTS

Synthesis and Characterization of Organic Dye | *Organic Chemistry Lab Project*

April 20XX – June 20XX

- Executed multi-step synthesis and characterized a novel organic dye using NMR, MS, and UV-Vis, evaluating its potential for solar cell applications.
- Documented experimental procedures and results thoroughly, contributing to a comprehensive final report and presentation.

Heavy Metal Contamination Analysis | *Analytical Chemistry Lab Project*

September 20XX – December 20XX

- Developed and validated AAS method for detecting trace lead/cadmium in water, interpreting results and identifying contamination sources.
- Presented findings and recommendations to peers, highlighting potential environmental impacts and mitigation strategies.

LEADERSHIP & ACTIVITIES

Vice President | *Chemistry Club* | University of California, Irvine

September 20XX – Present

- Led a team of 5 officers in planning 10+ academic/social events, engaging over 150 members, and managed a \$1,500 budget.
- Increased student membership by 20% through targeted outreach campaigns and engaging recruitment events.

Tutor | *Learning & Academic Resource Center (LARC)* | University of California, Irvine

January 20XX – June 20XX

- Tutored 15+ students in General and Organic Chemistry, leading to an average 10% increase in exam scores.
- Developed and utilized supplementary learning materials, including practice problems and concept summaries, to enhance student understanding.

SKILLS

- Laboratory Techniques:* NMR, IR, UV-Vis, MS, AAS, GC, HPLC, Organic Synthesis, Chromatography, GLP
- Software:* ChemDraw, Microsoft Office Suite, MATLAB, Python
- Languages:* English (Native), Spanish (Conversational)