

Alisa Vu

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San Diego, California

EDUCATION

University of California, San Diego

San Diego, CA

B.S. in Computer Science, Specialization in Bioinformatics

June 2025

Relevant Coursework: Basic Data Structures and Object-Oriented Design, Discrete Mathematics, Systems Programming, Advanced Data Structures, Design and Analysis of Algorithms

Mira Mesa High School

San Diego, CA

High School Diploma

Aug 2017 - Jun 2021

EXPERIENCE

San Diego Biomed,

San Diego, CA

Bioinformatics Intern

Dec 2022 - Apr 2024

- Used 10x Genomics software and Seurat to QC and analyze single-cell RNA-sequencing data, comparing sample cells between healthy and Type 1 diabetic individuals
- Formatted figures using data collected from software analysis to be used in published research paper
- Created coding scripts using R and Seurat packages to input files and generate figures to visualize TCR clonotypes

Starbucks,

San Diego, CA

Barista

Jul 2021 - Apr 2022

- Sequenced and made 5+ beverages at once in order to serve customers in a timely manner, while maintaining quality and consistency.
- Engaged in teamwork by communicating needs with team and supporting one another in a fast-paced environment in order to uphold customer satisfaction.
- Monitored supply levels closely, restocked products, and maintained customer areas to meet typical demands.

UCSD ScienceBridge Internship,

San Diego, CA

Quality Assurance Intern

Aug 2018 - Jun 2019

- Checked that all science lab kits contained the correct amount of supplies and met quality standards before sealing the packages.
- Assisted in preparing solutions for lab kits and ensuring cold solutions were maintained at correct temperatures.
- Created meetings with team to discuss conflicts, resulting in enhanced collaboration and having all kits prepared before the requested delivery date.

SKILLS

Technical: Java, Python, C, C++, R, HTML, CSS

Developer Tools: Git, VS Code

Languages: English, Vietnamese