

# Lauren Lee

858-705-9990 | [la1038@ucsd.edu](mailto:la1038@ucsd.edu) | [linkedin.com/in/lauren-lee-616b57384](https://www.linkedin.com/in/lauren-lee-616b57384)

## EDUCATION

---

### UC San Diego

*Data Science*

San Diego, CA

Sep. 2025 – Present

### Westview High School

San Diego, CA

Aug 2021 – June 2025

## EXPERIENCE

---

### Pathology Lab Assistant

*Pacific Rim Pathology Medical Group*

June 2025 – Sep 2025

*San Diego, CA*

- Accessioned patient samples (Pap tests, bodily fluids, etc.) for HPV, Chlamydia Trachomatis (CT) / Neisseria Gonorrhoeae (NG), and Trichomoniasis tests
- Prepared stained, and processed cytology slides for microscopic evaluation

### Research Intern

*Trutino Biosciences*

June 2024 – Oct 2024

*San Diego, CA*

- Compiled, cleaned, and visualized pre-clinical, toxicity data for an immunotherapy lead molecule that was approved for a Phase 1 Clinical Trial
- Used Excel and GraphPad Prism to organize and analyze clinical chemistry, ELISA, and flow cytometry data

### Research Experience for High School Students (REHS)

*UC San Diego*

June 2024 – Aug 2024

*San Diego, CA*

- Worked with a UCSD mentor to create a research project, conduct computational experiments, and present a poster at the REHS Poster Showcase 2024
- Trained and tested a machine learning model using WEKA (Waikato Environment for Knowledge Analysis) with 92.4% accuracy
- Poster: Improving Cancer Patients' Outcomes Using PD-1 / PD-L1 miRNAs and Machine Learning

### Math, Chemistry, and English Tutor

*Private*

Aug 2023 – June 2025

*San Diego, CA*

- Excelled in Math, Chemistry, and English, earning a teacher's recommendation to tutor
- Integrated Mathematics I, II, and III; Chemistry 1-2, English 1-2

## PROJECTS

---

### AI Math Tutor | *Python, Flask, REST API, HTML*

May 2025 – June 2025

- Built an interactive AI tutoring tool showcasing practical applications of genAI in education
- Developed a Flask web application integrating an API (following RESTful principles) to generate step-by-step math solutions and practice quizzes
- Implemented HTML code, route-driven navigation, session storage

## RELEVANT COURSEWORK

---

Advanced Python Programming, Principles of Data Science (DSC 10), Multivariable Calculus, AP Statistics

## SKILLS

---

**Languages:** Python, HTML

**Libraries:** pandas, NumPy, Matplotlib

**Soft Skills:** Organization, Communication, Problem-Solving, Teamwork, Adaptability