


ROY LEE

✉ rol007@ucsd.edu ☎ +1 (858)282-8889  [linkedin.com/in/royhjlee](https://www.linkedin.com/in/royhjlee)

Profile

Detail-oriented student continuously refining skills to stay at the forefront of emerging industry trends and elevate user experiences. Passionate about data analytics, software development, and user-centric design.

Education

University of California, San Diego

B.S. in Business Economics / B.S. in Cognitive Science

Minor in Computer Science

San Diego, CA / United States

Sep 2022 - Jun 2026

Current GPA: 3.71

- **Selected Coursework:** Software Engineering, Advanced Data Structures, Human-Computer Interaction Design, Principles of Data Science, Mathematics for Algorithm and Systems Analysis, Data Analytics, Operations Management, Data-Driven UX/Product Design, Econometrics, Macroeconomics and Microeconomics, Financial Accounting

Professional Experience

University of California, San Diego - Extended Studies

Computing Services IT

San Diego, CA / United States

May 2023 - Present

- Maintained and configured academic computer labs, ensuring reliable hardware, essential software, and stable network access to support student learning.
- Collaborated with IT team on lab upgrades and office reconfigurations by installing and preparing networked computers, contributing to improved departmental efficiency.

University of California, San Diego

Instructional Assistant, COGS120 Interaction Design

San Diego, CA / United States

Jan 2025 - Mar 2025

- Held weekly office hours providing one-on-one support to help students understand core concepts, improve project work, and develop user-centered design skills.
- Assisted in evaluating assignments and projects, offering constructive feedback to reinforce learning and support student growth in interaction design principles.

Project Experience

Habitizer Java, Android Studio

Dec 2024 – Feb 2025

- Created this mobile app to help people improve organization in their daily lives by providing an easy-to-use platform for managing tasks and routines effectively.
- Designed and built an intuitive UI with Java and Android Studio to enable efficient tracking of routines and tasks.
- Collaborated in an Agile team using GitHub for version control; participated in sprint planning, code reviews, and iterative development to improve app functionality and user experience.

Spotify Web Extension HTML/CSS, JavaScript

Sep 2024 – Dec 2024

- Redesigned the frontend of a Spotify web extension with a new, intuitive, and visually appealing interface using HTML and CSS.
- Implemented backend features using JavaScript, including new interactions such as custom playlists, enhanced music controls, and advanced search functionalities to improve the overall user experience.
- Enabled dynamic interactions and real-time updates to ensure smooth and responsive app performance.

Patient Management Dashboard

Javascript, HTML/CSS, ReactJS, Node.js, MySQL Jun 2023 – Aug 2023

- Developed a comprehensive patient management dashboard featuring patient editing, searching, sorting, and filtering capabilities. Enhanced provider access to patient data by addressing data manipulation and visualization needs, establishing a seamless connection with a MySQL database, and implementing authentication features.
- Created a solution that optimized provider workflow and data management by designing configurable forms to facilitate patient history tracking and accommodate future expansions in patient data entry, ensuring flexibility and scalability.

Technical Skills

Coding Languages: Python, JavaScript, SQL, Java, HTML, CSS, C++, C, R

Technical Tools: Figma, Android Studio, Git, GitHub, Vim, Microsoft Office Suite, Google Suite, Adobe Creative Cloud, Unity, Windows OS Deployer, Linux OS Deployer, Mac OS Deployer

Techniques: Agile Software Process, Behavior-Driven Development, Unit Testing, Object Mocking, Design Patterns, Mobile Software Development