

Jerry Liu

 github.com/jllewis11  [linkedin.com/in/jllewis11/](https://www.linkedin.com/in/jllewis11/)
 714-310-8857 |  jllewis11@gmail.com

EDUCATION

California State University, Fullerton

Bachelor of Science in Computer Science

Relative Coursework: Assembly Language, File Structures and Database (SQL, PHP), Operating Systems Concept (C), Algorithms Engineering (JS), Data Science & Big Data (R), Software Design (C++), Software Process

EXPERIENCE

Student Assistant / Undergraduate Student Researcher

March 2022 – Present

California State University Fullerton – Fullerton, CA

- Student Assistant to Dr Kanika Sood in the CS department
- Currently Researching about "Cortisol Activity in Individuals within an Educational Institution"
- Utilizing R and Python to data wrangle different datasets

Tutor/Teacher

September 2019 – March 2022

theCoderSchool Cerritos – La Palma, CA

- Coached in 2-On-1's and large classrooms teaching students K through College programming
- Developed individual curriculum to adapt to each student
- Building customer loyalty through lesson quality, resulting in multiple 5 star reviews
- Assisted in language translations for students speaking Mandarin Chinese
- Fostered a teaching environment that successfully helped students get first place in theCoderSchool nationwide competition
- Technologies utilized: Python, C++, JavaScript

PROJECTS

Titan Talks – (React.js, MySQL, Node JS)

- Full-stack social media web application that focuses on sharing text and images with other users
- Designed the architecture for the backend API, database, and CI/CD
- Developed the backend API and database allow for CRUD operations
- GitHub repositories: github.com/jllewis11/titan-talks-2.0

Student Database – (HTML, SQLite, PHP, MariaDB)

- Relational database that utilizes PHP to query
- Deployed on MariaDB using SQLite as the database
- Developed the necessary queries in PHP to return specific search results based on parameters
- GitHub repository: github.com/jllewis11/SQL-Database-Project

Workle – (C++)

- Command line-based job searching program that incorporates object-oriented design.
- Designed corresponding UML models to generate specifications within the system.
- Developed much of the project adding different aspects including documentation and unit tests
- GitHub repository: github.com/jllewis11/WorkleV3

SKILLS

Languages: Python, C++, C, R, SQL, JavaScript, SQL

Tools/Miscellaneous: Git, Jira, Visual Studios, MySQL, PostgreSQL

Foreign Languages: Mandarin – Chinese

LEADERSHIP EXPERIENCE

Eagle Scout

Boy Scouts of America

- Oversaw planning, creation, and budgeting of the project
- Supervised over 30+ volunteers to successfully create the project and meet the deadlines