Carlos Daniel Rivera Lao

Los Angeles, CA 90073 • (623)759-3438 • cdrivlao@gmail.com
https://www.linkedin.com/in/carlos-lao/

EDUCATION

University of Southern California, Viterbi School of Engineering   August 2019 – Present
B.S. Computer Science, B.A. Linguistics   GPA: 3.84/4.00

Honors: Dean's List (2019–2022), Academic Achievement Award (2020–2022), USC Dean's Scholarship
Relevant Coursework: CSCI 310: Software Engineering, LING 385: Human Language as Computation, CSCI 270: Introduction to Algorithms and Theory of Computing, CSCI 210: Principles of Software Development, CSCI 104: Data Structures and Object Oriented Design

Shanghai American School, Pudong   August 2015 – June 2019
Magna Cum Laude   Unweighted GPA: 3.90/4.00 | ACT: 35

EXPERIENCE

Google Computer Science Research Mentorship Program – Mentee, *Online*   Feb 2021 – May 2021
- Researched machine learning applications to sign language translation
- Collaborated with a senior mentor at Google in biweekly meetings to discuss research efforts
- Communicated with fellow undergraduates from underrepresented groups to explore computing research pathways

CS@SC Summer Camp – Computer Science Teacher, *Los Angeles, CA*   May 2020 – July 2021
- Taught and directed an object-oriented programming curriculum to students in elementary through high school
- Supervised and assisted in a hackathon for over 100 participating students
- Ideated curriculum improvements in coordination with fellow staff and administrators

University of Southern California – Student Ambassador, *Los Angeles, CA*   September 2019 – Present
- Deliver virtual and in-person customer service to prospective students and families
- Lead campus tours and admissions presentations tailored to a variety of guests
- Perform various administrative and organizational office tasks

VOLUNTEER ACTIVITIES

De La Salle College of Saint Benilde – Volunteer Interpreter, *Manila, Philippines*   June 2017 – July 2017
- Interpreted computer literacy course to train people with disabilities in touch typing and Microsoft Office
- Accommodated one-on-one assistance for Deaf students

RECENT PROJECTS

Trojan Check In/Out – Native iOS Application   April 2021
- Design, prototyped, and constructed a Native iOS application in collaboration with 5 peers for monitoring building capacity during the COVID-19 pandemic

myTurn – Native iOS Application   December 2021
- Independently designed and developed a chore scheduling application in Swift using Firebase for the backend

Personal Portfolio – React Web Application   December 2022
- Designed and developed a personal website using React

SKILLS & INTERESTS

Programming Languages (Most to Least Proficient): Python, JavaScript, C/C++, Java, Swift, HTML/CSS, SQL
Languages (Most to Least Proficient): English, Tagalog, Mandarin, Spanish, American Sign Language
Interests: Mobile Development, Web Development, Machine Learning, Computational Linguistics, Sustainability, Linguistics, Music
Organizations: Scope, Breakthrough Hip Hop, QuEST (Queers in Engineering, Science, and Technology), Phi Beta Kappa Honor Society