

Peter Chiwoon Lee

pcl004@ucsd.edu | 213-841-6719 | US Citizen | La Jolla, San Diego | github.com/peterchwl | linkedin.com/in/pcl004

EDUCATION

University of California, San Diego - La Jolla, CA

Sep 2022-Jun 2026 (Expected)

B.S. in Computer Science

GPA: 4.00/4.00

Relevant Coursework:

- Accelerated Intro to Programming, Discrete Mathematics for CS, Calculus III

WORK EXPERIENCE

Java Fundamentals Teacher - Anita Tutor

Aug 2021-Jul 2022

- Taught fundamental **Java** and **Python** classes to students Kindergarten-8th grade every week
- Developed Java-based curriculum catered to introductory students for Anita Tutor's computer science program

Lead Software Engineer, Full Stack Developer - CV Enterprises

Dec 2020-Jun 2022

- Developed authentication method for Crescenta Valley's tennis Discord server with over **60 students**
- Stored users' student IDs in **CSV databases** and used **Pandas** and **discord.py** to manipulate data
- Held daily scrum meetings with partner and collaborated with client to satisfy requirements

AP Computer Science A Instructor - Crescenta Valley High School

Aug 2020-Jun 2022

- Taught college-level Java classes as a student teacher to **20 students**; average AP score on tests: **4.14/5**
- Co-developed the 2021-2022 computer science curriculum at Crescenta Valley High with fellow teachers

PROJECTS

Rate My Capes - UCSD SPIS

Jul 2022-Sep 2022

- Created a program that assesses a professor based on the sentiment analysis of their online reviews
- Scraped over 57,000 reviews on ratemyprofessors and CAPE using **Selenium** and **WebDriver**
- Made NLP models using **nlTK** and **keras** to label reviews based on their most prevalent emotions

Head-Motion Controller - UCI x GATI

Jun 2021-Aug 2021

- Developed an initial model of a head-motion controller for C1-C4 spinal cord injury patients
- Fabricated physical components of controller using **Solidworks** and scripted the controller with **Arduino** code
- Connected controller to computer using **MATLAB** and enabled users to control the mouse using head motions

LEADERSHIP

Varsity Doubles Captain - Crescenta Valley High School Boys' Tennis

Aug 2018-Jun 2022

- Led varsity team for four years at district and regional matches; played as **#1 doubles** for school
- Coached **over 30** upcoming Junior Varsity players through drills and practice matches

Vice-President - Cooperation Act, Crescenta Valley Branch

Aug 2018-Jun 2022

- Led regional meetings in a branch of an international organization and spearheaded 3 local volunteering activities
- Spokesperson for the Crescenta Valley branch during inter-regional board meetings

TECHNICAL SKILLS

Programming Skills

- Python - REST
- Java - HTML/CSS
- C++ - FastAPI

Awards & Certificates

- Comptia A+ Certification
- National Merit Commended Scholar
- AP Scholar with Distinction