Andrew Park

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EDUCATION

University of California, San Diego   **San Diego, CA**
Bachelor of Science in Computer Engineering   Expected Graduation: June 2026
- **GPA:** 3.905 / 4.000
- **Honors:** Provost Honors (Fall 2022 and Winter and Spring 2023)

EXPERIENCE

Citimit   **San Diego, CA**
Frontend Web Developer   June 2023 – Present
- Contributed to the implementation of a React app that eases the process of obtaining building permits in San Diego with the integration of AI technology
- Designed and constructed the web pages and features from scratch using React.js and CSS
- Communicated with other developers to merge the frontend and backend and finalize new features

ACM Hack Project   **San Diego, CA**
Backend Developer   January 2023 – March 2023
- Contributed to a schedule website for students to share with their friends
- Implemented Google Calendar API to gain access to the user's calendar and constructed database to store user information
- Collaborated with other college students to utilize Google Authentication API for users to login with their google accounts

KAN Academy   **Shanghai, China**
Software Developer   June 2022 – July 2022
- Automated the process of generating three quiz documents and respective solution keys utilizing Python
- Minimized the tedious process of creating new documents into a three-click process
- Decreased the cost for Korean private academy to create a set of English vocabulary quizzes by 90%

KAN Academy   **Shanghai, China**
Teaching Assistant   June 2022 – July 2022
- Held short office hours to answer several technical questions related to English vocabulary and grammar for ESL students
- Helf office hours to answer technical questions related to English vocabularies and grammars
- Increased the daily vocabulary quiz scores of students who come to office hours often by 15%

Shanghai Livingston American School   **Shanghai, China**
Software Developer   October 2021 – December 2021

- Automated the process of collection of health survey from each student into a single Excel file
- Implemented Python's Openpyxl module to automatically write an excel sheet
- Optimized the cost of time to organize health surveys for high school teachers by 93%

Calculus Tutor   **Shanghai, China**
Volunteer Tutor   February 2021 - June 2021
- Demonstrated and communicated my knowledge of calculus to those who needed assistance in pre-calculus and AP Calculus AB and BC
- Increased my peers' average calculus test scores from 80% to 95%

PERSONAL PROJECTS

UC My Belongings Website   January 2023 – May 2023
- Constructed MongoDB schema and backend APIs for this lost and found website at UCSD
- Led the team of two other college students to construct the website

Playlist Songs Converter   September 2022 – December 2022
- Scraped playlist data from Spotify and displayed the songs in the playlist utilizing BeautifulSoup module
- Harmonized with five college students to build a website that collects data from a platform for a transfer of a playlist from one platform to another
- Increased the rate of time to obtain playlist data from Spotify by 60%

Single-Player Games   May 2021 – June 2021
- Rebuilt a single-player Tic Tac Toe and Lights Out into Windows application from scratch using C++

Activities

Likelion US at UCSD   **San Diego, CA**
Project Leader   June 2023 – Present
- Implemented a platform that eases transactions for second-hand goods between students enrolled in UCSD
- Taught computational logics and algorithms and basics of React to teammates who are not familiar with coding and React
- Led a team of five colleagues to build the website using React.js

KOJOBS at UCSD   **San Diego, CA**
External Event Team Member   September 2022 – December 2023
- Devised several ideas about fundraising and activities within members
- Profited approximately $1,000 in total from selling Mochinut donuts and kimbap on campus
- Managed Kojobs Night where Kojobs organizations in other universities (UCS, UCLA, UCB, etc.) meet each other for connections

RELEVANT COURSES

Computer Organizations and Systems Programming, Data Structures and Object-Oriented Design, Software Tools, Vector Calculus, Linear Algebra, Linear System Fundamentals

ADDITIONALS

Languages: Fluent in Korean and English; Mandarin as a secondary language

Technical Skills: Java, C, Python, Javascript, MongoDB, CSS, C++, Django, React, ARM Assembly, Git

Certifications & Training: Likelion US Certification of Achievement in Web Development Program, Google Analytics for Beginners Certificate

Awards: National Silver in Division 1 PhysicsBowl 2022