Nicholas Chung

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EDUCATION

California State University of Fullerton — Fullerton, CA
B.S. in Computer Science — *Aug. 2020 - Present (Expected: May 2024)*
Dean's List: 3.64 GPA

Coursework: Algorithms, Object-Oriented Programming, Data Science, Database Systems, Compilers, Operating Systems, Computer Communications, Software Engineering, Computer Architecture, Swift Development, Cybersecurity

TECHNICAL SKILLS

Languages: C/C++, Python, Swift, In-Line x86 ASM, HTML/CSS, PHP, SQL, JavaScript, R
Developer Tools: GitHub, Git, VSCode, VSCode Community, XCode, RStudio

EXPERIENCE

Supplemental Instructor — January 2022 – Present
California State University of Fullerton — *Fullerton, CA*
- Provided support for students by hosting bi-weekly study sessions, reinforcing concepts and challenging topics.
- Simplified C++ topics through group activities and coding exercises, aiding student success.
- Created reusable lesson plans and activities for use by current and future supplemental instructors.
- Developed strong communication and teaching skills, honing time management and adaptability.

Coding Tutor — June 2023 – September 2023
CoderSchool — *Cerritos, CA*
- Instructed aspiring game developers through hands-on coding with Scratch, fostering knowledge in game dev.
- Facilitated one-on-one coding sessions for K-12 students, improving understanding of programming concepts.
- Constructed engaging lesson plans to captivate students' interest, ensuring an enjoyable learning experience.
- Enhanced personalized instruction through collaborative efforts with fellow tutors, incorporating valuable insights from both students and peers' feedback.

PROJECTS

CSUF Food Review App | *Swift* — January 2022 – May 2022
- Built a native iOS app using Swift and SwiftUI to allow CSUF students to rate and review on-campus food spots.
- Utilized Firebase Online Database with Swift libraries for data storage, resulting in up to date entries.
- Implemented authentication with Firebase, ensuring data accuracy and a seamless user experience.
- Designed a user-friendly UI using Swift Storyboard.

PokeCheck Website | *HTML & CSS, JavaScript* — June 2023 – Current
- Created a website that displays concise Pokemon information, themed with traditional Pokemon colors.
- Utilized Fetch API to execute HTTP requests, retrieving real-time data from the Pokemon API.
- Implemented a menu that allows users to switch between an array of popular music from the Pokemon series.
- Devised responsive design principles to optimize website accessibility, ensuring an enhanced user experience.

School Database Website | *PHP, MySQL* — August 2022 – December 2022
- Crafted a user-friendly website that allows for easy access with course, student, and professor information.
- Established a database design that meets project requirements, optimizing data organization and retrieval.
- Wrote SQL queries to adjust data in the school database, enabling insertion of student and professor information.
- Utilized PHP to develop a retrieval system that can retrieve information related to a given course or school ID.