Kenneth Tiet

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EDUCATION

University of Southern California — Los Angeles, CA
Bachelor of Science in Computer Science — *May 2023*
- Relevant Coursework: Data Structures & Algorithms. Software Engineering, Software Development

SKILLS

Languages: Python, C++, JavaScript/TypeScript, SQL
Technical Skills: SDLC, Web Development, Databases, Agile Methodology
Databases: AWS, MySQL, PostgreSQL, Google Firebase

EXPERIENCE

Specialist — Oct 2024 – Present
Apple — *Glendale, CA*
- Provided 50+ personalized technical recommendations weekly and guided seamless technical setups
- Conducted in-depth analysis for 10+ customers daily, leveraging technical knowledge to provide tailored solutions
- Led 15+ product demonstrations monthly, showcasing Apple Vision Pro and iOS software features
- Enhanced team skills by collaborating with a team of 20+ colleagues and interacting with 100+ customers monthly

Backend Software Engineer — Jun 2023 – Jun 2024
USC Haptics Robotics and Virtual Interaction Lab - OdditDB Team — *Los Angeles, CA*
- Developed back-end functions for a web app presented at the 2023 SoCal Robotics Symposium
- Reduced 30% of system errors by reducing technical debt and refactoring key components
- Improved debugging time and maintainability by converting codebase from JavaScript to TypeScript
- Collaborated with a team of 5 engineers using Agile methodologies (Scrum) to drive project delivery
- Drafted and maintained clear documentation for 20+ beta testers using Markdown, enhancing user onboarding

Robotics Instructor — Feb 2024 – October 2024
Institute of Arts, Music & Science — *Bellflower, CA*
- Taught 3+ elementary students robotics through individualized learning plans and hands-on projects
- Guided students in completing 2 robotics projects monthly, ensuring timely progress and mastery of key concepts
- Facilitated 6 group robotics projects, promoting teamwork and collaboration to achieve project goals

Software Intern — May 2022 – Aug 2022
RoviSys — *Thousand Oaks, CA*
- Developed 5 software tools that automated company processes, resulting in annual cost savings of $300,000
- Wrote comprehensive documentation for 5 software tools, simplifying user adoption and improving maintability

PROJECTS

Personal Website (kennethtiet.github.io) | *JavaScript, HTML/CSS, Github Pages, Liquid, Jekyll* — Aug 2024
- Created personal website, showcasing projects, hobbies, and other activities
- Built website using Jekyll and Github Pages, Liquid for formatting, and HTML/CSS for formatting

NoteIt | *Full-Stack Note App - Python, Django, React, PostgreSQL* — July 2024
- Developed a full-stack note-taking app using Django and PostgreSQL
- Reduced codebase by 25% by utilizing Django REST Framework for RESTful API Development

SuperChat | *Real-time Chat Application - React, Firebase* — Aug 2023
- Built a real-time chat application, facilitating instant messaging using React & Firebase
- Improved message latency time by 30% by using Firebase Realtime Database over traditional polling methods

AWARDS AND LEADERSHIP

PCC Dean's List x 4, PCC Scholar-Athlete, UCLA CCCP Scholar, PCC Computer Science Club Rep

HOBBIES & INTERESTS

Swimming, Cycling, Fountain Pens, Gaming, Reading