

Simone Kang

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EDUCATION

Carnegie Mellon University

Master of Software Engineering - Scalable Systems

Pittsburgh, PA

December 2026

Texas A&M University

Bachelor of Science - Computer Science

Singapore Study Abroad 2023-2024

Cum Laude, Presidents Endowed Scholar, University Tuition Waiver

GPA: 3.5/4.0

College Station, TX

May 2025

SKILLS

Programming Languages: Python, Javascript, Java, Ruby

Programming Frameworks: React, Ruby on Rails, Vue

Languages: Fluent - English, Native Speaker - Korean

PROFESSIONAL EXPERIENCE

SMK Insurance Company

Office Technology Intern

Arcadia, CA

June 2021 - August 2021

- Digitized office records by converting paper files, receipts, and documentation into organized digital archives using spreadsheets and QuickBooks, improving information accessibility and retrieval
 - Trained office staff to use the new digital filing system and QuickBooks workflows, allowing for easy adoption and continued use after my internship
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PROJECTS

Custom Spotify Web Player

Personal (Sole developer)

May 2025 - August 2025

- Created a React.js application for a customizable Spotify player supporting guest, free, and premium user views, ensuring wider accessibility by catering to various user types
- Integrated Spotify Web API and Web Playback SDK to implement core functionalities such as playback controls, search, liked songs, and playlists for a seamless streaming experience
- Developed a dynamic theme customization feature allowing users to select predefined themes or create personalized ones in build mode, increasing user engagement, personalization, and accessibility

Teamup Bytes App for Good

Texas A&M University

Singapore

December 2023 - May 2024

- Engineered a Ruby on Rails web application with a PostgreSQL database to address food insecurity on college campuses by enabling students to share and transfer meal credits
- Designed and implemented features to coordinate in-person meetings for credit transfers, enhancing user trust and engagement within the app community
- Created a secure administrator role with privileged access to monitor and manage credit pools, ensuring data integrity and effective oversight of the platform's operations

Kung Fu Tea POS System

Texas A&M University

College Station, TX

August 2023 - December 2023

- Developed a full-stack Vue/Vite and Node.js application featuring distinct interfaces: customer-facing, cashier POS system, and manager dashboard, facilitating efficient multi-role operations
- Designed a PostgreSQL database to manage menu data, images, customer login info, and inventory, ensuring centralized, reliable, and real-time data access across all user views
- Oversaw sprint planning, task delegation, and documentation as the project manager, maintaining workflow efficiency and team coordination throughout development