

Kevin Wong

Computer Science Major

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TECHNICAL SKILLS

Languages: Java, JavaScript, C++, Python, HTML, CSS, SQL

Frameworks: JUnit, React, Vue, Flask, JavaFX

Developer Tools: Git, Visual Studio Code, IntelliJ, WSL/Ubuntu, Maven/Gradle

Relevant Coursework: Software Engineering, Data Structures and Algorithms, Object-Oriented Programming

EXPERIENCE

Network Engineering Shadow Experience

Jan. 2019 – Aug. 2023

NIS Consulting and PG&E

Concord, California

- Shadowed a Network Consultant and Network Engineer to follow daily operations, meetings, troubleshooting sessions, project updates, and the implementation of computer networks
- Observed the steps of how to design, develop, adapt, and maintain a computer network
- Utilized Cisco Packet Tracer to practice networking, create topologies, configure devices, troubleshoot issues, and perform network experiments
- Participated in practical application sessions through Cisco Certified Technician related coursework

Coding Competition Judge

Aug. 2023 - Aug. 2023

IgniteCS Programming Expo

Pomona, California

- Interviewed 15 high school students' coding projects across the nation via Zoom
- Actively sought clarification; asked about hardships, obstacles, and future improvements
- Provided constructive criticism and encouragement, ranked students based on demonstrated expertise, grade level, and project complexity

Lead Instructor

Jan. 2015 - Aug. 2021

One Tribe Martial Arts Academy

Clayton, California

- Effectively led beginner to advanced classes with students from 3 to 60+ years old; attained Lead Instructor of the Year Award (2019, 2020, 2021)
- Supervised classes and specialized seminars at headquarters location in San Francisco due to lively, engaging, and efficient teaching style
- Conducted 5 classes per day, monthly student-parent conferences, advertisement, and school maintenance
- Trained regional competitive team of 10+ students to obtain several medals across Northern California

PROJECTS

Patch Pal | *Python, Flask, HTML, JavaScript, CSS, Open AI, Spotify*

Apr. 2024

- Developed a full-stack medical first-aid web application using Flask, Open AI, and Spotify's API for the back-end and HTML, JavaScript, and CSS for the front-end
- Successfully integrated and fine-tuned a chatbot catered to assist with medical emergencies
- Elegantly provides resources on CPR, First Aid essentials, and hotlines

Mini Twitter | *Java, Git, VSCode*

Nov. 2023 - Dec. 2023

- Java-based Mini Twitter with graphical user interface using Java Swing
- Implemented Singleton, Observer, Visitor, and Composite Design Patterns

Personal Website | *HTML, CSS, JavaScript, Github Pages*

Mar. 2024 - Present

- Designed and developed dynamic coding portfolio hosted through Github Pages
- Implemented interactive features and responsive design to create engaging user experiences

EDUCATION

California State Polytechnic University, Pomona

Pomona, California

Computer Science, B.S. (GPA: 3.94)

Aug. 2021 - May 2025

HONORS

2021-2023 President's Honor List

2021-2023 College of Science's Dean's List