Kevin Wong

Computer Science Major

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EDUCATION

California State Polytechnic University, Pomona   Aug. 2021 - May 2025
Computer Science, B.S. (GPA: 3.94)   *Pomona, California*

TECHNICAL SKILLS

Languages: : Java, JavaScript, C++, Python, SQL
Frameworks: JUnit, React, Flask, JavaFX
Developer Tools: Git, Visual Studio Code, 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
- Practiced networking with Cisco Packet Tracer: creating topologies, configuring devices, troubleshooting, and performing network experiments
- Engaged in practical sessions through Cisco Certified Technician coursework

Coding Competition Judge   Aug. 2023 - Aug. 2023
IgniteCS Programming Expo   *Pomona, California*
- Interviewed, judged, and constructively criticized 15 high school students' coding projects across the nation via Zoom
- Provided 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*
- Led classes for students aged 3 to 60+; awarded Lead Instructor of the Year (2019, 2020, 2021)
- Supervised classes and seminars at headquarters in San Francisco
- Conducted 5 classes daily, organized student-parent conferences, managed advertising, and maintained the school
- Trained competitive team of 10+ students to obtain multiple regional medals in Northern California

PROJECTS

Patch Pal | *Python, Flask, HTML, JavaScript, CSS, Open AI, Spotify*   Apr. 2024
- Full-stack 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 that provides resources on CPR, First Aid essentials, and emergency hotlines
- Integrated and fine-tuned a chatbot catered to assist users with medical emergencies

Mini Twitter | *Java, Git, VSCode*   Nov. 2023 - Dec. 2023
- Java-based recreation of Twitter with graphical user interface using Java Swing that implements the 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 with interactive features and responsive design to create engaging user experiences

HONORS

2021-2023 President's Honor List

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