Joshua Cho

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EXPERIENCE

Scale AI   9/2023 - Present
AI Prompt Engineer   *San Francisco, CA*
- Crafted tailored prompts to enhance Large Language Models(LLMs) in executing programming tasks.
- Improved code output productivity from LLMs through meticulous enhancements.
- Reviewed code snippets and human feedback to ensure quality and relevance for future code generation.

IBM   06/2022 - 12/2022
Software Engineer Co-op   *San Jose, CA*
- Deployed an alert system for health checks on 150+ IBM DB2 instances.
- Resolved 50+ networking issues from Backend API payloads, boosting stability by 20%
- Implemented test scripts in JSON and set up a CI/CD pipeline with Jenkins, cutting testing time by 40%.
- Revamped UI for latency and throughput charts, increasing user engagement by 25%.

Tech4Good Lab   03/2022 - 06/2022
Research Assistant   *Santa Cruz, CA*
- Redesigned the Tech4Good Lab's website, following Figma designs.
- Improved loading speed by optimizing images and minimizing HTTP requests; reduced bounce rate by 25%.
- Enhanced personal info cards with Angular, increasing profile views by 40%.
- Distinguished as the standout developer, consistently delivering tasks ahead of time and providing technical support.

SE Technology   06/2021 - 9/2021
Software Engineer Intern   *Seoul, South Korea*
- Developed a new community page for SE Lab V2.0, enhancing platform functionality.
- Reduced development time by 50% using Toast-UI Editor with React and Redux.
- Boosted user login performance by 20% with efficient backend integration using Node.js and MongoDB Atlas.

PROJECTS

Who's Next? | *Figma, Dart, Flutter, Firebase*   03/2023 - 06/2023
- Developed "Who's Next?", a mobile game using Flutter and Firebase, focusing on strategic elimination in the assassin-game genre.
- Managed user credentials and game data with Firebase, ensuring real-time updates for seamless gameplay.
- Addressed UI complexity by modularizing widgets and handled asynchronous operations for real-time, multi-user interactions.

Resume Wizard | *OpenAI API, Vercel, SvelteKit, Typescript, Pocketbase, Skeleton UI*   01/2023 - 06/2023
- Co-developed "ResumeWizard," a resume creation tool using Svelte, TypeScript, PocketBase, and OpenAI API.
- Led cohesive frontend design and solved technical issues in PDF generation and backend integration.
- Secured second place in the 'Justice Hack' category at a school hackathon, showcasing strong project management and teamwork.

EDUCATION

University of California, Santa Cruz   06/2023
Bachelor of Science in Computer Science   *Santa Cruz, CA*

TECHNICAL SKILLS

Languages: Python, SQL, Java, C, C++, Javascript, HTML/CSS, Dart
Frameworks: Next.js, SvelteKit, TailwindCSS, Node.js, Express.js, Flutter, Three.js, Flask, SkeletonUI, Vue.js
Developer Tools: Google Cloud Platform, Vercel, Netlify, Git, Figma, Firebase, Py4Web, MongoDB Atlas, PocketBase
Libraries: React, Maven, TestNG, WebGL, IBM Carbon Component, BeautifulSoup