Kai Campbell

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Motivated computer science student with strong communication and problem-solving skills, aiming to secure a Software Developer position to enhance my technical skills and knowledge.

EDUCATION

University of California, Irvine   Irvine, CA
Bachelor of Science Computer Science   *Graduation Expected in 2024*

Relevant Coursework
Python Programming, Java Programming, C++ Programming, C Programming, Data Structures and Algorithms, Software Design and Architecture, Operating Systems, Project Management, Data Management, Introduction to Artificial Intelligence, Introduction to Computer Organization

PROJECT EXPERIENCE

ChatGPT AI Chatbot
HTML, CSS, TypeScript, React, Node.js, Express.js
  - Created a web application to support student-led discussions by integrating the **OpenAI API** and deploying an interactive chatbot, enhancing user engagement.
  - Utilized the **Scrum Framework** as part of an Agile project management approach with sprint boards and weekly stand-ups, fostering iterative development and enhancing team collaboration.

Portfolio Website
HTML, CSS, JavaScript, React
  - Designed a responsive portfolio website with interactive elements, hover animations, **Parallax Scrolling**, and **Live Demos** for an engaging user experience.
  - Achieved seamless deployment with **Vercel**, enabling automatic updates by syncing with my **GitHub Repository** for efficient version control.

Journal Poster
Python, PyNaCl, Tkinter
  - Built a journaling application with a Graphical User Interface using **Tkinter**, which connects to a secure server through **Network Sockets** for seamless communication and data exchange.
  - Improved journal content by pulling real-world data from **OpenWeather** and **Spotify APIs**.
  - Used **NaCl** (Networking and Encryption Library) to encrypt journal posts with private and public keys, enhancing security and reliability.

Wordle
MIPS Assembly
  - Created a playable version of Wordle, managing the game state through **Stack Operations** and update functions for enhanced functionality and efficiency.
  - Managed user input within a virtual grid and employed a **Word Library Checker** to ensure valid inputs.

SKILLS

- **Programming Languages**: Python, C++, C, Java, MIPS Assembly, JavaScript, TypeScript, CSS, HTML

- **Technologies**: Git/Github, MySQL, Visual Studio Code, Eclipse, VMware Workstation, Docker, Jira, Vercel, Microsoft Office, Adobe Photoshop, React, API work

INVOLVEMENT

Tomo No Kai (Japanese Cultural Club)   Irvine, CA
Historian Intern & Family Lead   *Sept 2021 - Present*

Association for Computing Machinery   Irvine, CA
Participant   *Sept 2021 - Present*