Kevin Wu

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EDUCATION

University of California, Irvine Expected June 2027
Bachelor of Science in Computer Science *Irvine, CA*

EXPERIENCE

ICS Student Council May 2023 – Present
Projects Committee Member *Irvine, CA*

- Implemented new features and bug fixes for AntAlmanac ↗, an open-source schedule planner built with React and TypeScript serving over 12,000 active UCI student users
- Engineered new Schedule Conflict feature, decreasing potential user errors by 75% with real-time visual feedback
- Refactored code to process API formatting changes affecting critical scheduling functionality, resulting in a 50% reduction in future calendarization-related development time
- Enhanced user experience by designing customizable column views which reduced information overload up to 80%

PROJECTS

Level Up ↗ | *React, MongoDB, Express, Node.js, SCSS* Aug. 2023 – Present

- Deployed a full-stack, freelance marketplace geared towards connecting competitive gaming coaches and players
- Utilized React to provide seamless integration between user interfaces, navigation, and dynamic information
- Leveraged MongoDB to efficiently maintain a highly scalable database of user-produced services and placed orders
- Designed messaging functionality between freelancers and customers, facilitating practical, private communication
- Boosted end-user satisfaction with responsive SCSS styling, Cloudinary image hosting, and secure Stripe payments

IntelliStyle ↗ | *Python, PaLM, OpenAI* June 2023 – July 2023

- Developed an AI-powered stylist to custom-tailor outfit recommendations using open-source generative models
- Prototyped and hosted demo app on HuggingFace Spaces using the Gradio library, PaLM, and the OpenAI API
- Contextualized outfit recommendations by integrating the Google Calendar API and the Open-Meteo weather API

NotePath ↗ | *React, Vite, MongoDB, Express, Node.js* June 2023

- Created a comprehensive note-taking web application with full CRUD functionality using the MERN tech stack
- Architected a RESTful API backend using Express and MongoDB to store and retrieve user-created documents
- Employed React and Vite to build the frontend, allowing notes to be created and displayed responsively to users

PokeMount ↗ | *React, Next.js, Tailwind* June 2023

- Crafted a single-page React application with Next.js to simulate a rental service for various Pokemon mounts
- Incorporated in-game sprites and Pokedex information for over 1,000 unique Pokemon by querying the PokeAPI
- Improved functionality and responsiveness across devices and screen sizes by using custom Tailwind CSS styling

Blue Ward ↗ | *Python* Apr. 2023 – June 2023

- Built a Discord Bot using Python to assist users in tracking both their own and their friends' game progression
- Applied the Riot API, Discord.py, and Asyncio to regularly fetch and display updated match history and statistics
- Integrated user commands and error handling, enabling maximum control and customizability for Discord servers

TECHNICAL SKILLS

Languages: Typescript, Javascript, HTML, CSS, Sass/SCSS, Python
Tools and Libraries: Git, React, Node.js, Express, MongoDB, REST, GraphQL, MaterialUI, Tailwind, Next.js, Vite