Vincent (Vicki) Vo

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EDUCATION

University of California, Riverside – B.S., Computer Science *Sept. 2020 – Jun. 2024*
Coursework: Data Structures and Algorithms, Discrete Structures, Web Development, Project Sequence in CS

TECHNICAL SKILLS

Programming & Web Development: C++, Python, HTML/CSS/JS, React.js, Next.js, Node.js, SQL, REST
Frameworks & Libraries: Express.js, MUI, Pandas, PyGame, PyAudio
Tools & Software: Git/GitHub, Figma, MongoDB, Jupyter Notebook, Visual Studio Code, Microsoft Office, Jira

WORK EXPERIENCE

Elevance Health | **HTML/CSS/JS, React.js, SQL, MUI, Jira, REST API** *May. 2024 – Aug. 2024*
Developer Intern *Cerritos, CA*

- Advanced the functionality of CTracker, a **Full-Stack React** application used for maintaining employee credentials, with **REST API** and **SQL** querying, delivering improved functionality to managers/auditors.
- Boosted user satisfaction by leveraging the **MUI** framework & **HTML/CSS/JS** to optimize the **UI/UX** of many key **React.js** web applications.
- Participated in an **Agile** environment consisting of biweekly sprints and daily scrum meetings using **Jira**, achieving efficient delivery of user stories.
- Successfully developed a Process Design Document **(PDD)** as a first-time **business analyst**, streamlining workflows for more efficient Stop-loss claim automations.

CE-CERT | **Python, Pandas, Microsoft Office, Jupyter Notebook, HTML** *Aug. 2022 – Jun. 2023*
Data Science Intern *Riverside, CA*

- Built interactable **HTML** plots on Power Systems data using **Python** and **Pandas**, saving the Western Municipal Water District **$100,000**.
- Developed fire prevention analysis code using **Python** and **Jupyter Notebook**, resulting in the **discarding** of **15** hazardous 1000aH batteries and a **successful Mobile Battery Trailer Project**.
- Leveraged **Microsoft Office** software to enhance battery data presentations during meetings.
- Established **Object-Oriented Programming** principles for easier code comprehension and readability.

PROJECTS

UCR TA Hiring Website | **Figma, HTML/CSS/JS, React.js, MongoDB, Next.js** *Oct. 2023 – Mar. 2024*

- Led a team to launch our first **Full-Stack** UCR Hiring Website for teacher assistants, replacing the existing outdated platform.
- Designed a cleaner **UI** using **Figma** and implemented a smoother **UX** using **React.js.**
- Utilized **HTML/CSS/JS** to create separate frontend routes and features for professors (profile updating and applicant viewing) and students (resume uploading and job application).
- Implemented **API calls** to gather student transcripts, fetch application decisions from professors, and register new users into **MongoDB.**
- Employed **Next.js** for secure webpage routing, user authentication, and database calling/fetching commands.

UCR Class Registration Website | **HTML/CSS, JavaScript, React.js, MUI** *Jan. 2023 – Mar. 2024*

- Developed a minimalistic **Full-Stack** school registration website for UCR students.
- Implemented page routing and live class fetching logic using **JavaScript** and **React.js**.
- Utilized **HTML/CSS** and the **MUI** styling library to reduce visual clutter and enhance navigation.

"Mic Check" Game | **Python, Git, GitHub, PyGame, PyAudio, Visual Studio Code** *Nov. 2023*

- Engineered a microphone-based video game with a friend, winning the **UCR Cutiehack 2023 Hackathon.**
- Utilized **Python** with **PyGame** and **PyAudio** libraries to implement game logic, including audio recording and mouse clicks.
- Leveraged **Git** and **GitHub** for version control and effective team collaboration.