Nicholas Kim

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Education

B.S. Computer Science   **Graduated Dec. 2021**

Biola University

Relevant Coursework: Software Engineering, Database, Algorithms, Artificial Intelligence, Data Structures, Data Science

Skills

Front-End: JavaScript, React, HTML/CSS, Bootstrap
Back-End: SQL, Node.js, C++, Java
Tools: Git, MySQL Workbench, Jira

Work Experience

Software Engineer Intern, Nihon Kohden America – Irvine, CA   **June 2021 – Aug. 2021**

- Integrated the **front-end** and **back-end** of a security web application by creating additional web pages and utilizing **cookies** to store data while using **MySQL** to log all activities on the application.
- Utilized **JavaScript**, **MySQL**, **HTML/CSS**, and **Perl** with minimal **DBI queries** to efficiently access the database while applying **templates** to easily create and modify layouts.
- Involved in an **agile** software development cycle with team **sprints** to delegate all tasks with my team.
- Writing **test scripts**, supplemented with clear **documentation** of the project to update my mentor to receive feedback to **debug**, **test**, and **design** any changes into my code.

Projects

React Weather App   **June 2022**

- Created a **React** application to display live weather of any location from the **user** by using Current Weather Data **API** to receive all data in **JSON** format.
- Used **React Hooks** such as **useState** to retrieve user input and to then search the **API** for relevant data to display on the application.
- Designed the **web** application with advanced **CSS** styling such as **media queries** or **transitions** and **conditional rendering** to show information only when desired by the **user**.

Personal Website   **Feb. 2022 - July 2022**

- Developed a **front-end** application using **React** and **Node.js** to showcase my projects while also demonstrating my skills utilizing **HTML**, **CSS**, and **JavaScript** to create the application.
- Implementing my knowledge of **CSS** styling to make the website **responsive** using **media queries** and utilizing **bootstrap** for advanced styling and design.
- Incorporating my previous experience of **Object Oriented Programming** to better manipulate **data structures**, like **maps** and **objects** to understand all **components** and accessing all data.

Database Software for Biola University Music Department   **Feb. 2021 - May 2021**

- Developed a **web application** with an intuitive **user interface** that assisted teachers ability to monitor, input, and search for over 150 student's concerts attendance over the course of a semester.
- Worked with **JavaScript** data structures to extract data from **CSV** files to **JSON** and incorporated **DOM** to easily display information with **HTML/CSS**.
- As **Project Manager**, I led the team of developers through our **Sprint Cycles** to delegate and communicate our progress efficiently to project completion.