

Nicholas Kim

(909) 767-1464 | kim.nick7@gmail.com | [linkedin/kimnick7](https://www.linkedin.com/in/kimnick7) | github.com/ndkim1997 |
<https://ndkim1997.github.io/react-portfolio/>

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: C++, Java, SQL, Node.js

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**.

Automated Sudoku

Nov 2021

- Developed an **automated** program with **C++** to find the most **optimal solution** to solve a sudoku puzzle.
- Understanding different forms of **search algorithms** such as **BFS**, **UFC**, **A*** to then implement to automate the most cost efficient path.
- Incorporating my previous experience with **data structures**, **algorithms**, and deep understanding of **AI** to develop the software.

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.