Nathan Yik

Software Engineer / Software Developer

LinkedIn | **GitHub** | **Website** | **(916) 838-2722** | **nathany094@gmail.com**

Education

University of California, San Diego   *Expected Graduation: June 2021*

Bachelor of Science: Mathematics - Computer Science, GPA: 3.60

· **Relevant coursework:** Advanced Data Structures and Algorithms, Operating Systems, Software Engineering

Projects

Royal Emerald Employee Portal   **Demo**

· Collaborated with 10 team members in an Agile environment to develop an employee portal for **100+ employees** at Royal Emerald Pharmaceuticals
· Implemented user authentication, hours logging, employee request forms with **Vue** and **Sass**
· Stored employee data and company resources using **MySQL** database and **Express** back-end
· Held bi-weekly standup meetings to discuss user stories and requirements, along with general team bug fixing and testing

Personal Portfolio Website   **Demo** | **GitHub**

· Designed a personal online portfolio hosted on GitHub Pages for showcasing my projects and professional profile
· Implemented a responsive, mobile-friendly design with media queries using **React** and **Sass**
· Incorporated interactive features such as sidebar functionality, fade transitions, and pop-up modals

Job Application Tracker   **Demo** | **GitHub**

· Developed a CRUD application to keep track of my job searching stats, including number of jobs applied, dates applied/replied, and job application status.
· Implemented categorical sorting features and editing modals using **React** and **Sass**
· Stored job application data using **PostgreSQL** database and **Express** back-end

Work Experience

Music Tutor   *July 2020 - Present*

· Curated musical curriculum for children ages 8 - 12 to become well-rounded musicians, proficient in both music theory and performance
· Composed and arranged music hand-tailored towards each student's individual skill level

Skills

· **Languages:** Java, C, C++, HTML, CSS, JavaScript, SQL
· **Front-end:** React, Vue, Sass
· **Back-end:** MySQL, PostgreSQL, Express, Node.js
· **Tools:** Git, Unix, Vim