Kenneth Nguyen

n.kennethcs@gmail.com ❖ (408) 649-9891 ❖ San Francisco Bay Area

🏠 kenneth.engineer github.com/kennethnguyen linkedin.com/in/kenneth-nguyenn

EDUCATION

University of California, Santa Cruz   **September 2017 – March 2021**
Bachelor of Science, Computer Science

WORK EXPERIENCE

Tech4Good Lab   **October 2020 – December 2020**
Undergraduate Research Assistant (Web Developer)   *Santa Cruz, CA | Remote*
- Worked 10-15 hours a week to develop Timely, an engaging web application aimed to improve the process of scheduling group meeting times for students and faculty across 9 different campuses
- Applied Figma UI/UX wireframe to create 5 responsive and reusable components in a pair-programming environment using TypeScript/HTML/CSS/Angular
- Merged 3 additional UI features to enhance user experience

Zero Degree Project   **June 2020 – August 2020**
Software Engineer Intern   *Santa Cruz, CA | Remote*
- Organized with an early stage 7-member startup an online platform to raise awareness about limiting global warming below 1.5ºC
- Re-designed and developed the homepage of the platform to be more UI-intuitive and follow modern trends using WordPress/HTML/CSS/JavaScript
- Improved accessibility by a rating of 9% from 80% to 89% as analyzed using Google Lighthouse
- Collaborated with sponsor to integrate analytical financial tracking mobile app to the platform

PROJECTS

COVID-19 Tracker in United States – Demo Link | GitHub Link
- Developed a minimal COVID-19 tracking web application for the United States and all 56 of its states and provinces
- Incorporated Chart.js to create responsive charts to increase user engagement while making data more digestible
- Dynamically fetch and render new data from COVID Tracking Project API upon a new state selected using modern React Hooks to reflect new statistics instantaneously
- Utilized: React, Material-UI, Chart.js, CSS, COVID Tracking Project API

Frydge – Demo Link
- Spearheaded a 5-person team to design and implement a single-page application for users to keep track of existing foods and additional information (expiration date, location, quantity, etc.) in different households
- Applied Scrum methodology, resulting in a 95% completion rate of each sprint's user stories and tasks
- Adopt Git standards of creating branches, committing and pushing often, and having meaningful commit messages
- Utilized: React, Ant Design, Cloud Firestore, Jira

Home Plannr – GitHub Link
- Created a full-stack web application to manage all household events such as chores, important notices, and alerts
- Manage state using modern React hooks and Context API, and design responsive layout for mobile viewport
- Implement user authorization with JSON Web Tokens, hashed passwords, and RESTful API design in backend
- Utilized: React, Chakra UI, Node.js, Express, MongoDB

SKILLS

- **Languages:** JavaScript, HTML/CSS, Java, Python, SQL
- **Frameworks:** React, Express, Node.js, Material-UI, Chakra UI, Ant Design, MongoDB, Firebase, Jest
- **Project Management:** Git, Scrum, Jira, Coda/Notion
- **Package Managers:** NPM, Webpack
- **Editors:** Visual Studio Code, CodeSandbox