

Richard Kwang

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Technical Skills

JavaScript • React/Redux • HTML • CSS • Node • Express • Sequelize • PostgreSQL

Technical Projects

FitQuest | Backend Developer/Designer | github.com/elmos-elementary/fit-quest

July 2022

Workout tracking mobile application with gamification elements.

- Designed and set up database schema and api routes in the backend.
- Developed overall art direction and design of application using Canva.
- Technology used: **React Native, Node, Express, Sequelize, PostgreSQL**

Tone.Expert | Developer | github.com/kwangric/ear-training

June 2022

Ear training web game to help users identify music intervals.

- Utilized Tone.js to randomly generate pitches and intervals for users to guess.
- Kept track of scores across multiple modes using Redux.
- Technology used: **Tone.js, React, Redux, MUI, Vite**

Furever_21 | Frontend Developer | github.com/2204-FSA-Team-Tribble/Grace-Shopper

June 2022

E-commerce website targeting pet clothing.

- Focused on developing frontend components such as shopping cart using React and Redux.
- Technology used: **React, Redux, React-Bootstrap**

Experience

Packaging/Sales Engineer | Foam Fabricators, Inc.

July 2015 – April 2022

Jefferson, Georgia

- Assisted in the acquisition phase of new customer products, samples, and tooling design.
- Designed new EPS packaging for customers to ensure effective and cost efficient solutions.
- Developed pricing for new molded foam business in collaboration with sales team.
- Created prototypes to be used for product evaluation utilizing CNC machines.

Packaging Intern | NOVA Chemicals

January 2015 – June 2015

Monaca, Pennsylvania

- Increased cost efficiency and protection during shipment by designing packaging solutions through 3D solid modeling software.
- Developed and promoted new key projects that increased company sales and revenue while working with ARCEL core team.
- Ensured a safe working environment while working with machinery by performing frequent inspections and following proper startup procedures.

Education

Software Engineering Immersive Bootcamp

July 2022

Fullstack Academy

Bachelor of Science, Packaging

May 2015

Michigan State University