

Ariel Zeto

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Education

Oregon State University – Bachelor of Science in Computer Science

Expected Jun 2024

Portland State University – Bachelor of Science in Mathematics

Jun 2022

Projects

YouTube Tidy - Honored by inclusion in Professor's Hall of Fame See live demo | github.com/AriZeto/YouTube-Tidy

- Lead the development of a mobile-first, seamless desktop responsive web application for an optimal user experience
- Utilized YouTube API and Google Cloud, streamlining playlist and subscription management for improved user efficiency
- Implemented Redux Toolkit for effective state management, utilizing extraReducers for enhanced data handling
- Developed search functionality complete with pagination, improving user navigation and enhancing accessibility
- Collaborated weekly with a diverse team to align project goals and streamline functionality for an efficient web app

React Weather App

See live demo | github.com/AriZeto/React-Weather-App

- Developed a web app using the OpenWeather API, allowing users to access real-time current weather forecasts
- Utilized TanStack Query for asynchronous caching and data fetching, optimizing performance and reduction in API calls
- Applied the Emotion library to create styled components, implement global theming, and enable light and dark modes
- Crafted a responsive app that adapts to mobile, tablet, and desktop devices, enhancing user experience across platforms
- Employed Git for version control, and successfully deployed the app to Netlify, ensuring seamless accessibility for users

Games Web App

See live demo | github.com/AriZeto/Games-Web-App

- Built a web app that integrated real-time video game multimedia via IGDB API, enhancing user experience
- Implemented user authentication, including login, logout, signup, and authorization using Passport-local-mongoose
- Executed asynchronous HTTP requests using Axios, streamlining data retrieval and managing concurrent API calls
- Leveraged Joi.dev for seamless form handling and data validation, ensuring data integrity and user-friendly input
- Integrated image upload functionality within comments via Cloudinary, resulting in an improved user experience

Class Circles

github.com/AriZeto/ClassCircles

- Contributed to a cross-time-zone team in rapidly developing a full-stack web application during a three-day hackathon
- Engineered the backend features for Class Circles, a MERN-based app for fostering global student connections
- Prioritized web app features, delivering a Minimum Viable Product (MVP) within the hackathon's strict timeline
- Validated route functionality using Postman, ensuring seamless communication between components

The Grand Auditorium

github.com/AriZeto/The-Grand-Auditorium

- Engineered an optimized schema and crafted intricate SQL queries to enhance data retrieval and storage in MariaDB
- Executed comprehensive data modeling and normalization to bolster data integrity and enhance scalability
- Coordinated diverse entities, guaranteeing comprehensive CRUD functionality through collaborative teamwork

Experience

Mathematics Tutor, Portland Community College – Portland, OR

2020 – 2021

- Conducted Algebra, Calculus, and Linear Algebra tutoring sessions, improving the group's math skills in a remote setting
- Curated interactive group study sessions, fostering collaborative learning environments
- Guided diverse learners with personalized explanations, prioritizing deep understanding

Sales Specialist, Apple – Tigard, OR

2017 – 2019

- Guided collaborative efforts in a retail environment, resulting in exceptional customer experiences
- Informed and shaped customer purchasing decisions through expert guidance and product knowledge
- Enhanced customer satisfaction by providing technical support and exemplifying leadership in troubleshooting

Skills

Languages: JavaScript, Python, SQL (MariaDB), NoSQL (MongoDB), HTML, CSS

Libraries/Frameworks: React.js, Redux.js, Redux Toolkit, React Router, Emotion, GraphQL, Axios, Tanstack Query, Node.js, Express.js, Mongoose ODM, Handlebars.js, EJS, Bootstrap

Developer Tools: Git, Vite, VS Code, Postman, Figma