Arthur Hwang





Front-End JavaScript, TypeScript, ReactJS, Redux, GraphQL, Apollo, styled-components, SCSS, HTML5

Back-End NodeJS, Express, MySQL, MongoDB,

Other Git, Github, Testing, Responsive Web, SEO, Google Marketing Platform, CI / CD, AJAX,

JSON, git, GitHub



PROJECTS

Bisnar Chase - Gatsby

arthurhwang.dev

Bisnar Chase

Keeb Kraze

Toneify

Admin Login System

- Collaborated with Backend Engineer to minimize API calls necessary to synchronize device/server
- Worked on bug fixes, user interface updates, and performance enhancements

Frontend Developer

- Wrote advanced data import/export feature with data mapping and optional parameters
- Created drag-and-drop user interface element to allow items to be reordered within web app
- Redesigned and optimized database schema

- Updated SNOCRU to version 3.0 with a major user interface redesign

- Refined tracking algorithm to substantially improve accuracy and performance

Worked on a real-time collaboration tool between the Boise and Rio de Janeiro

- Implemented interactive heat mapping to visualize speed and density
- Added Apple Watch and Pebble Smartwatch compatibility

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EXPERIENCE
University of Auckland
New Zealand

office using AngularJS, C#, and the Google Chrome Developer Tools.

University of Idaho United States of America

FullStack Web Developer – Bisnar Chase Personal Injury Attorneys

Designed and implemented an iOS application to view two videos side-by-side, stacked, overlaid, or windowed, with intricate drawing and time-control tools to visualize athlete progression.



EDUCATION

University of California, Irvine 2008-2011

FullStack Web Developer Bootcamp - Oracle

Conducted research and wrote a paper under the supervision of the director of computer science on generating song lyrics with a recurrent neural network using long short-term memory.

B.A. Economics Irvine, CA

Courses in algorithms, data structures, artificial intelligence, machine learning, programming languages, computer architecture, operating systems, databases, theory of computation, compiler design, and many others covering important components of theory, abstraction, and design.

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