

Email: andyhuang.ace@gmail.com

Website: <https://www.andyacehuang.com/>

GitHub: <https://github.com/arangace>

Andy Huang

Frontend developer building responsive web applications with ReactJS and JavaScript with experience delivering full stack applications. Computer systems engineer from the University of Auckland. Utilising engineering design principles in developing software to produce high quality code. Experience in applying Git practices and agile life cycles in large teams. Requirement engineering skills and understanding, developing client specifications through feedback refinement. Delivering a wide range of software products and projects in large teams and by myself

Work Experience

- AKQA (02/03/2022 - present)
 - Front End developer
 - Frontend web development, responsive design, accessibility, responsive design, REST API integration, analytics tracking and testing
- Foley Industries (09/12/2019 – 28/02/2020)
 - • Technical drawer and programmer for metal designs
 - • Factory machine operator
- Kissanime NZ (Armageddon) (27/10/2018 – 29/07/2021)
 - • Sales staff, customer service, stock management, high intensity environment
- Biztech 2017 (16/11/17)
 - • Volunteer helper, speaking to students, organising activities

Skills

- **Coding languages**
 - TypeScript, JavaScript, NextJS, ReactJS, Sass, Node, Html, CSS, CSS in JS, Python, C#, Java
- **Full stack development**
 - REST API's
 - Frontend/Backend
 - Databases SQL/No SQL
- **Testing**
 - Jest, Ghost Inspector
- **Deployment**
 - Netlify, Vercel, Heroku
- **Software design methodologies**
 - Agile scrums, Functional programming, TDD,
- **BDD, CI/CD,**
 - Requirement engineering, Object
 - Oriented Programming (OOP), MVC
- **Git**
 - Git, BitBucket, SourceTree, GitHub, Atlassian suite, JIRA, Trello, Git CLI
- **Languages**
 - English, Chinese (Cantonese), Chinese (Mandarin), Japanese (conversational)
- **Design**
 - Photoshop, Figma, Zeplin
- **Microsoft office specialist**
 - Word, Excel, Visio, 365, PowerPoint

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Projects

All Project code can be accessed through the GitHub link

Ready Four Tomorrow

Live site: <https://r4t.vercel.app/login>

- Want to know your schedule all in one place? Use Ready Four Tomorrow (R4T). Login via your Google Email and have your day summarised and spoken to you. Additionally with the weather forecast to help you plan your commute and outfit. All this information displayed and spoken to you at the push of a button. Developed using NextJS, Styled Components and NextPWA. Leveraging redux, weatherAPI and GoogleAPI's for gathering and storing the data.

TFT Egg Roll

Live site: <https://tfteggroll.vercel.app/>

- Simulates opening little legend eggs in the popular game Teamfight Tactics. Developed as a PWA to allow users to roll on their mobile devices as well for an even better experience. Using NextJS, Sass and Framer motion for better user experience. Lazy loading images to reduce the load on the frontend and using animations for better feedback response for users.

CreamCat

- Online collaborative music streaming service application, allowing users to create and join rooms to listen to songs synchronously. Individually queue songs for everyone to hear and vote to skip songs. Developed using MongoDB, ExpressJS, ReactJS and NodeJS (MERN stack).

LA Tracker

- ReactJS frontend with a C# backend deployed to Netlify. Developing a full stack web application with my friend to help everyone track progress in a game. Solution was requested to be developed as fast as possible. Therefore I decided to utilise MaterialUI for styling, Formik for forms and removing proper authentication and rather, implementing a ledger type system.

Final year project - IF-AT online service

- IF-AT online service as a full stack application of the traditional immediate feedback assessment technique. I fully developed a deployable frontend to facilitate classroom usage of the IF-AT technique in a local setting. The service can be accessed anywhere and requires users to sign in.

Discord Bots (NodeJS)

- Using NodeJS, DiscordJS and deployed on Heroku, I made bots for discord servers to aid in servicing information at the touch of your fingertips. These bots utilise short command line inputs to fetch and retrieve information from API's to users. This was used to develop Ursus Bot which reflected whether it currently was Ursus event time, or it would reflect when the next time would be. As a fun bonus it also plays music.

Qualifications and Education

- Computer systems engineering (Honours) at the University of Auckland. (2017-2021)