

Tae In Ha

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

TECHNICAL SKILLS Javascript, React, Redux, Ruby, Rails, Python, HTML5, CSS3, SASS, SQL, PostgreSQL, JQuery, MongoDB, Mongoose, Express.js, Node.js, Ajax, Firebase, Heroku, AWS S3, RESTful APIs, Github, SASS, Webpack, RSpec, Capybara

EXPERIENCE

Full Stack Developer | [Halo Science](#) | React-Redux, Ruby on Rails, PostgreSQL June 2020 - present

- Developed a network to connect scientists / researchers with R&D driven companies to solve important business challenges
- Build responsive frontend components with React, Redux, Semantic-UI, and Aphrodite based on UI/UX design specifications
- Collaborate with product management and engineers to deploy new restful API features on a Ruby on Rails backend that ensure data compliance with the site's legal requirements

Software Engineer | [CoronaCare](#) | React-Redux, Ruby on Rails, PostgreSQL April 2020 - present

- Created a platform to connect families impacted by COVID-19 to donors, one bag of groceries at a time
- Ensure user privacy and autonomy through token-based authentication measures and a robust captcha solution, providing users access to secure CRUD functionality
- Refactor existing frontend and backend components for a more readable, scalable and DRYer codebase

Consultant | Hee BBQ Jan 2015 - Aug 2018

- Enhanced existing inventory and scheduling trackers resulting in more efficient operations so that employees could focus on other tasks at hand resulting in increased positive customer feedback
- Communicated effectively to cultivate teamwork while providing exceptional service in a fast-paced environment

Data Analyst | Citigroup, Global O&T Risk Management Strategy July 2012 - June 2014

- Developed automation tools using VBA, significantly reducing workload (100+ hours quarterly) and ensuring data quality
- Partnered with dozens of teams across Citi to develop, refine, and implement risk metrics (e.g., Key Risk Indicators)
- Facilitated the development of a risk benchmark mechanism for Citi's most senior Global O&T Risk Officers

PROJECTS

VidTube (Ruby on Rails, PostgreSQL, React, Redux) [Live](#) | [Github](#)

Full-stack single-page application inspired by Youtube, a video-sharing platform

- Implemented media storage on AWS S3 with Rails Active Storage to retain PostgreSQL references and to reduce server load
- Optimized Rails backend by eager-loading data to avoid N+1 queries made to the database for seamless user experience
- Leveraged polymorphic associations in Rails, resulting in a lighter weight scalable application

Kinship (Mongo, Express, React, Redux, Node.js) [Live](#) | [Github](#)

Single-page application with a seamless and responsive design to store and organize information on social contacts

- Designed backend with Mongoose schemas, validations, and query methods for well-rounded CRUD functionality
- Collaborated and communicated with team members to ensure minimal Git workflow merge conflicts
- Developed an interactive and modular dropdown component to enable dynamic forms to create or edit social contacts

Dino Jumps (JavaScript, Canvas, Firebase) [Live](#) | [Github](#)

A browser-based 2D platformer with an interactive physics-based gameplay

- Integrated engaging sprite animations with keystroke event listeners leveraging conditional logic and OOP techniques
- Implemented custom physics engine that allows for intuitive player movement, gravity, and object collision functions

EDUCATION

App Academy, Immersive 1000+ hours full-stack web development program with < 3% acceptance rate 2019

Columbia University, Bachelor of Science in Industrial Engineering: Operations Research 2012