

Allan Tham

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Personal Apps and Collaborations

Whatscooking (Personal)

Application for Sharing, Discovering and Creating new Recipes

- Created a social media platform on GraphQL to allow for extensibility and smoother user experience via efficient data wrangling by limiting N+1 problem that comes with REST
- Relay framework was utilized to simplify and limit data fetches to further encourage succinct code without loss of functionality.
- Leveraged AWS S3 to store and retrieve data for increased scalability, reliability and safety.
- Utilized: Graphene, GraphQL, React, Python, GIT, Python, JavaScript, HTML/CSS, Django

TravelMap (Collaboration)

Application for Journaling, Planning, and Exploring Travel Locations

- Worked with both backend and frontend teams to implement and integrate robust delete functionality for unwanted locations by accepting a variety of optional variables
- Wrote tests in Jest for aforementioned delete functionality to ensure code resiliency.
- Refactored preexisting frontend code to be more standardized and added comments to code that was ambiguous to complement working with others.
- Utilized: React, JavaScript, GraphQL, MySQL, Apollo, Jest, Express,

Finance Manager (Personal)

Application for Tracking and Visualizing User Expenditures

- Created a REST application of multiple models connected through various relationships to offer a suite of features.
 - RESTful backend server allows for user's various receipts to be stored on a persistent online database
 - Implemented redux to manage State for the application to ensure logical flow of data and promote ease of development.
 - Created dynamic and interactive pages using the Bootstrap library for intuitive UI design and Victory library for data visualization.
 - Contains full CRUD functionality for users to manage their accounts and receipts.
 - Utilized: Django, React, GIT, HTML/CSS, Victory library, React-Router-Dom
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Professional Experience

Hacienda Heights Pharmacy Pharmacy Technician

May 2014-Apr 2020

- Trained new-hires and managed front staff of 3.
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Education

California State University, Los Angeles - Bachelor of Science in Biochemistry

Software Engineering Skills

(*Fluent*): Python, JavaScript, GraphQL, Django, React, HTML/CSS, AWS, GIT (*Familiar*): SQL, Express, Node, Jest