

# Sutthirath Sean Vilaysane



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## TECH STACK



MongoDB

Express

Express.js



React.js



Node.js



GraphQL



PostgreSQL



CSS



HTML



JavaScript

## PROJECTS

### Funch | Full Stack Engineer

Lunch planning app for students with the ability to share meals with friends.

- MERN stack application with a GraphQL architecture to reduce expensive API calls
- Apollo Server v2 to simplify GraphQL reference implementation for defining schemas
- Authentication to save users, meal tickets, favorite restaurants to a Mongo database
- Students can give a meal ticket to fellow students and friends
- Parents have admin control over student accounts and can access full activity history

### Yocal | Full Stack Engineer

A social application for the wandering travelers and created for the local community in mind.

- React, Express, and Node frameworks are at the core of the application build
- Mobile first design with a beautiful material design interface integrated with MaterializedCSS
- Utilizing the Foursquare API, users can find points of interest by search input or geolocation
- Users can connect with local experts with real-time chat via socket.io
- Storage for favorite places and chat messages are made with MongoDB and PostgreSQL

### Seattle Transit | Frontend Engineer

Local transit application with the collaboration of my colleagues Henry Hong and Christopher Tack

- I took charge of the user experience and user interface design of the project
- Using my knowledge of UX and Adobe XD skills, I created the slide deck and high fidelity wireframes
- Axios was leveraged to query the OneBusAway API for transit stops, meta data and real-time updates
- Architected the Mapbox API integration for displaying stops on map, custom markers and user location
- Implemented MaterializedCSS components for seamless transitions and a clean material interface

### Bug Invaders | Full Stack Engineer

A highly addictive wave defense game and lightweight on the user's browser.

- JavaScript ES6 optimized for full browser support
- Event driven game application with articulate DOM manipulation
- Squash bugs with a click and gain special items as users acquire points

## EDUCATION



General Assembly

Seattle, Washington | Dec. 2018



University of Central Florida

Orlando, Florida | Dec. 2015