

# Alexander George

## Software Developer

From Hello World to dynamic single page react web applications, software development has provided an outlet perfect for my blend of engineering and creativity



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## PERSONAL PROJECTS

### Menus For All (05/2020 – Present)

- Developed a restaurant finder web application with React and Firebase.
- Employed OAuth to enable login using verification from a Google account.
- Heavily incorporated the use of React hooks (especially useContext) to simplify code and omit the need for Redux.
- Emphasize transitions, animations, and a minimal palette to construct a UI that was pleasurable for the user experience.
- Leveraged browser geolocation with user consent to find nearby restaurants.

### Vanilla Tetris (02/2020 – 03/2020)

- Developed a Tetris game with Vanilla JavaScript, HTML, and CSS.
- Incorporated statistics and local high scores, using local storage, to create a sense of pride and accomplishment to the user.
- Designed dynamically sized rendering using media queries and reading window sizes to ensure high quality graphics from html canvas.
- Leveraged JavaScript inheritance to modularize code and optimize production.

### Spotlofi (12/2019 – 02/2020)

- Developed a lo-fi music web application with React, Redux, Rails, and PostgreSQL.
- Incorporated the React Player npm package to easily construct an audio web player providing a pleasurable user experience.
- Implemented active storage with AWS S3 to host music and image files to ensure scalability, and reduce server load.
- Constructed functional components over classes to ensure standardization, increase readability across application, and allow the implementation of hooks where necessary.

## SKILLS

JavaScript

ReactJS

Redux

Apollo

GraphQL

Ruby

Ruby on Rails

C++

NodeJS

HTML

CSS

SQL

Firebase

MongoDB

Git

## EDUCATION

### Study Program App Academy

09/2019 – 03/2020

Focus

- Full Stack Web Development

## INTERESTS

React Native

Mobile Development

Machine Learning

Frontend Frameworks

Everything JavaScript!

