

Raymond Guo

Education

University of North Carolina at Chapel Hill

BS IN COMPUTER SCIENCE

GPA: 3.5

Chapel Hill, NC

August 2018 – May 2022

Work History

Infosys Limited

ASSOCIATE (APPLICATION DEVELOPMENT & MAINTENANCE)

- Refactored ADO.NET data access layer to use Entity Framework Core to interface with SQL Server DB
- Created an eCommerce application to facilitate transactions
- Currently practicing Agile/Scrum practices and ceremonies

Raleigh, NC

June 2022 – Present

UNC Hussman IT

COMPUTER SUPPORT ANALYST

- Computer imaging, app installation, and configuration
- Hardware and software debugging
- Created a WordPress page that enhanced user experience while decreasing workload for supervisors
- Created documentation on standard procedures to aid future support for new employees as well as modifying and maintaining outdated documentation
- Supported the faculty and staff at UNC School of Journalism and Media

Chapel Hill, NC

August 2021 – May 2022

Skills

Programming Languages: JavaScript, SQL, HTML, CSS, Java

Frameworks/Libraries: React, Node.js, Express.js

Tools: Git, Linux, VS Code, Visual Studio

Projects

Sudoku!

MERN STACK SUDOKU GAME WITH A PUBLIC API AND COMMUNITY DRIVEN PUZZLES

- Utilizes MongoDB to store and retrieve all puzzles
- Implements a backtracking algorithm to solve community submitted puzzles
- Responsive React application that allows the game to be playable on most mobile devices as well as usual computer screens
- Public API that allows to easy retrieval of boards for any use
- Deployed on Cyclic and Vercel cloud platform

JavaScript, React, MongoDB

<https://sudoku-react-weld.vercel.app/>

Budget Web App

SELF-HOSTED WEB APPLICATION FOR PERSONAL ACCOUNTING AND BUDGETING

- Automatic saving and loading when entries are entered, edited, or deleted
- Created an interactive charted using Chart.js that updates when entries are modified
- Previous logs can be accessed as saved JSON files

TypeScript, React, CSS, Express.js,
Chart.js

<https://github.com/RayGuo357/budget-web-app>

Spotify-Lyrics Player

AUTOMATICALLY DETECTS THE SONG CURRENTLY PLAYING ON SPOTIFY AND DISPLAYS LYRICS

- Created as an alternative when Spotify had removed lyrics from their applications and before they had reimplemented lyrics
- Utilizes a RESTful interface between React frontend and Express.js backend

Spotify's API, Genius's API,
JavaScript, React

<https://github.com/RayGuo357/SpotifyLyrics>