Ryan Ke

SOFTWARE ENGINEER · RALEIGH-DURHAM-CHAPEL HILL AREA · UNC CHARLOTTE

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Skills

Languages	HTML · CSS · JavaScript · Typescript* · Python · C++* · SQL
Frameworks & Libraries	React · Redux · Angular · Bootstrap · GraphQL · Django · REST
Databases & Tools	MongoDB · MySQL · VScode · Git · Adobe XD · Figma

Experience

Full Stack Web Developer *Raleigh, NC*
FREELANCE *Jan. 2021 - Present*
- Provided web/graphic design and consulting services to clients needing end-to-end web solutions for their organizations, events, and companies, delivering projects that frequently exceed expectations.
- Facilitated projects by managing meetings, agile development process, and daily tasks with other collaborators which resulted in reduced project turnaround time and client satisfaction.
- Developed responsive web applications with best practices in modern tech stacks and other web technologies.

Frontend Developer *Charlotte, NC*
DEAN'S AMBASSADORS - UNC CHARLOTTE *Jan. 2017 - May 2020*
- Built and maintained a website with custom CSS framework, Media Queries, HTML, and JavaScript plugins.
- Used Tableau's interactive data visualization tools to build reports that allows faculty and directors within the department to find insights on engagement of over 2000 students.
- Increased retention rate by 20% through incentive programs delivered through the website.

UI/UX Designer *Charlotte, NC*
CODENC - UNC CHARLOTTE *May. 2018 - Jul. 2018*
- Implemented a program that promotes computer science education into current instructional practices across local K-12 public schools.
- Effectively managed a team through design elements, storyboards, and final delivery formats for 6 comprehensive disciplines.

Projects

Issue Tracker
PROJECT MANAGEMENT TOOL *Nov. 2021 - Feb. 2022*
- Developed an issue tracking app that allows bug tracking and agile project management.
- Users can generate tickets for bugs, feature requests, and follow comment streams on individual tickets.
- Developed using React, Node.js, PostgreSQL

Beerhouse
PERSONAL 'WHAT'S NEAR ME?' PROJECT *Jun. 2021 - Sept. 2021*
- Developed a search-based app to enable users to locate and save nearby breweries.
- Utilized an open-source brewery database API and demonstrated use of routing and asynchronous JavaScript.
- Built website using MongoDB, ExpressJS, React, Node.js, GraphQL, Semantic UI

Find-It
SENIOR CAPSTONE - ECOMMERCE PROJECT *Jan. 2020 - May 2020*
- Developed an application to compare prices across multiple internet storefronts.
- Led an Agile Scrum team in designing, implementing, testing, and deploying the final project.
- Built website using Angular.js & Firestore and implemented a web scraper using Node.js that pulled item data from a store's API based on inputs from the user on the main application.

Education

University of North Carolina at Charlotte *Charlotte, NC*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE *Aug. 2016 - Dec. 2020*