Ryan Ke

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

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Skills

Programming Languages	HTML · CSS · JavaScript · JSON · Typescript* · Python · C++* · SQL
Frameworks & Tools	React · Angular · Vue · jQuery · Bootstrap · VScode · GraphQL · REST · Git
Databases	MongoDB · MySQL

Experience

Web Developer | Graphic Designer
Raleigh, NC
FREELANCE
Jan. 2021 - Present
- Provided freelance web/graphic design and consulting services to mostly local clients needing end-to-end web solutions for their organizations, events, and companies.
- Designed and developed websites, logos, and promotional materials.
- Consistently collaborated with clients to launch products on time and within budget.

Frontend Developer
Charlotte, NC
DEAN'S AMBASSADORS - UNC CHARLOTTE
Jan. 2017 - May 2020
- Built and maintained a website with custom CSS framework, Media Queries, Flexbox, HTML, JavaScript plugins, and jQuery widgets.
- Used Tableau's interactive data visualization tools to build reports that allows faculty and directors to find insights on student engagement.
- 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 computational thinking activities into current instructional practices across local public schools.
- Effectively managed video teams through storyboards, post-production and final delivery formats for 6 comprehensive disciplines.
- Developed website using HTML, CSS, JavaScript.

Projects

Beerhouse
PERSONAL PROJECT
Jun. 2021 - Sept. 2021
- Developed a search-based React app to enable users to locate and save nearby breweries.
- Utilized an open-source brewery database API.
- Built website using MongoDB, ExpressJS, React, Node.js, and GraphQL.

Find-It
SENIOR CAPSTONE, SOFTWARE ENGINEERING PROJECT
Jan. 2020 - May 2020
- Developed an application to compare prices across multiple internet storefronts using Agile development process.
- 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.
- Built website using Angular.js & Firestore.

NinerHacks
HACKATHON EVENT WEBSITE
Sept. 2017 - Apr. 2018
- Served as web master and co-organizer for UNCC's first student hackathon event.
- Designed and implemented custom UI components and parallax effect.
- Built website using HTML, CSS, JavaScript.

Education

University of North Carolina at Charlotte
Charlotte, NC
BACHELOR OF SCIENCE IN COMPUTER SCIENCE, CRIMINAL JUSTICE MINOR
Aug. 2016 - Dec. 2020
- Dean's Honors List