Colin Zhou

Web Developer / Designer | Issaquah, WA | colizu2020@gmail.com | 425-428-8168 | LinkedIn | czhou578.com

EDUCATION

University of Illinois Urbana-Champaign   08/2022 - 12/2023
Masters in Computer Science (MCS)
- **Relevant Coursework:** Databases, User-Interface Design, Advanced Data Management

Bellevue College   09/2019 - 06/2022
Bachelors of Science in Computer Science
- **Relevant Coursework:** Operating Systems, Web Programming, Data Structures, Algorithms, Computer Networks, Programming Languages, Scrum, Computer Architecture

WORK EXPERIENCE

IOIntelligence • *Software Engineer Intern*   07/2022 - 09/2022
- Constructing an eight page dashboard using React and Chakra UI to display mobile network data that was stored in Prometheus.io. Implemented a Node.js server using Express that queried a MySQL database containing user data, to be shown on the dashboard.

Molloy Moreno LLC • *Front End Engineer Intern*   06/2021 - 09/2021
- Developed and shipped Project Elpis in three months, a serverless web app that helps at-risk high school students track their career progress. Currently in beta use at an NYC high school with over 100 students.
- Built and iterated over 15 wireframes for the user interface using Adobe XD.
- Utilized React and HTML/CSS along with GraphQL queries from Amazon backend to create features allowing teachers to add new students, download student progress forms, and create / assign learning pathways.

Endevre Technologies • *Chief Marketing Officer / lead designer*   09/2017 - present
- Negotiated with school clubs, and local organizers to sponsor company products at 3 hackathons in the Bay Area.
- Designed and iterated multiple logos for the company using Figma

LEADERSHIP EXPERIENCE & PROJECTS

Bellevue College CS Student Advisory Board • *Treasurer*   08/2021 - 06/2022
- Met with faculty to discuss how to grow Bellevue College CS (currently at 150 students). Filled out 3 funding request forms to obtain funding and handled communications between school and department.
- Planned out budget, totaling around $1000, for usage by the CS department for the 2023 school year.

StreetFoodLove • *Street food vendor website (Front End Web Developer)*   08/2021 - 06/2022
- Designed the user interface for 10 components using Adobe XD, handpicked 6 front end technologies to use.
- Used React and TypeScript to create sections of the front end, including the vendor page, settings, landing page and login / signup functionality. Queried AWS ElasticSearch for displaying 100+ vendor locations upon user search input; assisted 3 group members with creating 4 front-end data charts using Recharts library.

Wordament / Wordle • *Online word game (Sole Web Developer)*   03/2022 - 06/2022
- Published a personal version of my favorite word games using React, Webpack, and TypeScript for the frontend. Developed a RESTful API using Node.js and MySQL database to authenticate users and to store user's performance. Implemented a continuous integration pipeline with 4 steps, using Github Actions and deployed on Netlify.

DistanceCalc • *Navigation Web App (Sole Web Developer)*   05/2021 - 06/2022
- Interfaced and developed DistanceCalc, a navigation app using React, GraphQL, REST, Webpack, Material UI, MapQuest API, and OpenStreetMap API. Deployed on Firebase, the app can calculate travel time between cities, lat/long, and has geocoding functionality.

SKILLS

Technologies: React | HTML/CSS | JavaScript(ES6) | TypeScript | AWS | Java | Webpack | Redux/Router | Figma |
Tools: Googling | VSCode | Jira | Wireframes | Github | Scrum | Agile | Speaking | Writing | Prototyping | Testing