Richard Wu

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EDUCATION
University at Buffalo | Buffalo, NY | May 2022
- Bachelor of Science, Computer Science
- **Coursework:** Data Structures, Applied Human Computer Interaction and Interface Design, Algorithm Analysis and Design, Software Engineering

PROJECTS
Personal Website: https://git-richardwu.github.io/personal-website

Bao | February 2021 - May 2021
Discord.py bot maintained via the cloud that responds to user messages and commands with continuous uptime
- Designed and implemented subscription-based system that allows users to request recipes from different cuisines
- Expanded functionality by developing user command to easily fetch trending Reddit posts from specific subreddits
- Revamped structure of code by introducing modularity to improve scalability and efficiency

Food for Thought | February 2021 - May 2021
Recipe sharing social media platform that employs a tag-based filtering system through utilizing user preferences
- Designed wireframe with interactive flows using Figma to streamline production time
- Spearheaded implementation of features (including persistent profile picture, onboarding process, and profile navigation with React) to improve user experience
- Utilized Agile methodology to collaborate as a member of a five-person team to punctually deliver project components
- Composed and reviewed user stories, acceptance tests, and task tests
- Conducted usability tests and contributed design ideas with user accessibility in mind

Virtual Desktop | September 2020 - December 2020
Fully-responsive and mobile-friendly web application comprised of MongoDB, Express, React, and NodeJS that acts as a one-stop shop for tools to help users maximize their productivity
- Devised and delivered features for weekly project meeting alongside a team of four following the Scrum technique
- Co-lead front-end development of application with React and conceptualized prototype of user interface
- Collaborated closely with the team to resolve bugs within modules before deployment
- Assembled a series of quality-of-life widgets that include global timer, dark mode, and search bar
- Oversaw and maintained proper pipelining of application on Zenhub

PROFESSIONAL ASSOCIATIONS
Governor's Committee on Scholastic Achievement (GCSA) | September 2014 - Present
- Partnered with Google in a 4-year mentorship program

SKILLS & INTERESTS
- **Programming Languages:** Python, JavaScript, Scala, C, OCaml, HTML, CSS
- **Frameworks:** Bootstrap, React
- **Tools and Platforms:** Git, Postman
- **Design:** Figma
- **Clubs and Activity:** Asian American Student Union, Robotics Clubs
- **Interests:** Unity, Cooking, Dragon Boat