James Zhang

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TECHNICAL SKILLS

Languages | Python, JavaScript, HTML5, CSS3, Racket
Frameworks | React
Developer Tools | Git, npm

EXPERIENCE

AlumNav | Front-End Website Developer | Website   Jul 2021 - Present
- Designed the website using Wordpress, HTML and CSS to display the organization's initiatives
- Collaborated with 13 project teams by setting up weekly meetings to effectively showcase their projects
- Managed the entirety of AlumNav's website traffic to yield 250 monthly visitors

Upper Markham Learning Centre | Coding Camp Instructor   Jun 2022 - Sep 2022
- Taught 4 different classes of students core programming concepts including functions and classes in Python
- Created an interactive classroom for the students by encouraging participation to inspire creative thought
- Managed two volunteers by communicating with them their responsibilities clearly and checking with them after each class in order to lead effective lessons

PROJECTS

Palatter | Github | Website
- Developed and designed the website using Figma, HTML, CSS and Javascript allowing users to generate color combinations with the goal of reducing the time spent on choosing color templates for projects
- Includes a randomize button and a lock function to save your preferred colors improving usability

Weather App | Github | Website
- Developed an application with the purpose of displaying the weather at a specific city using React, HTML, CSS and Javascript
- Uses the openweathermap API to receive responses relating to specific weather conditions of cities

MalBot (Discord Bot) | Github
- Created a discord bot using Python that can display information related to popular anime shows, play guessing games for random characters and moderate discord servers
- Used Selenium and Beautiful Soup to webscrape data from myanimelist.net and transformed that data into a more legible form

PyPaint | Github
- Developed a paint application clone using python and pygame allowing users to create simple pixel art and download their creations and load previous creations
- Created useful functions such as a fill bucket, a clear button and the ability to switch the board resolution

EDUCATION

University of Waterloo - Bachelor of Computer Science   2022-2027
- Courses: CS 135 MATH 135, MATH 137, ECON 101, SPCOM 223