

James Zhang

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TECHNICAL SKILLS

Languages | Python, JavaScript, HTML5, CSS3, SQL, C, C++, Racket

Technologies and Frameworks | React, Vue, MySQL

Developer Tools | Git, Github, Linux

RELEVANT EXPERIENCE

AlumNav | Front-End Website Developer | [Website](#)

Jul 2021 - Present

- Developed and 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 AlumNav's website traffic to yield 400 monthly visitors improving web traffic by 60%

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 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](#) | [Devpost](#)

- Developed and designed the website using Figma, HTML, CSS and Javascript during HackTheNorth 2021 allowing users to generate color combinations with the goal of reducing time spent on choosing color templates
- Includes a randomize button and a lock function to save your preferred colors improving usability

Resumate | [Github](#) | [Devpost](#)

- Developed a resume-builder following guidelines from the software development life cycle with Vue during HackTheNorth 2022 using Cohere's API for generating feedback and scoring various resumes
- Implemented a user-friendly interface allowing users to input data and get professional, auto formatted resumes

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 BeautifulSoup to webscrape data from myanimelist.net and transformed that data into a more legible form

EDUCATION

University of Waterloo - Candidate for Bachelor of Computer Science

2022-2027

- Relevant Courses: Designing Functional Programs, Calculus I, Algebra, Public Speaking
- GPA: 3.9