Amy Kang
Web & Software Development

📞 416-400-7641
✉ amy.kang@uwaterloo.ca
 /kang-amy in /kang-amy
🏠 amykang.ca

Skills

Languages	JavaScript, C#, SQL, Java, HTML/CSS, Excel VBA
Technologies	React, Node.js, Express, MongoDB, ASP.NET, DNN, Git

Experience

Full-Stack Developer | Toronto District School Board ⬈   Toronto, ON // May 2022 - Aug 2022

> Streamlined data storage of business vendors to improve user accessibility to database of over 200+ businesses by building CMS DotNetNuke (DNN) software module using C#, ASP.NET and SQL

> Reduced on-page login time by 40% by developing full stack MVC code of vendor module, building 3 page views to provide CRUD functionality and user authentication ensuring AODA compliance

> Regulated public, internal, and school websites simultaneously using DNN for over 3000+ daily users and 5+ daily tickets

Projects

Personal Portfolio | amykang.ca ⬈

> Built with React

Check It! | /check-it
React, Node.js, Express, MongoDB

> Designed to-do web app with the MERN stack, implementing end-to-end CRUD functionalities to MongoDB

> Applied React states and hooks to process JSON objects, using React Context to manage state across pages

> Established routing and endpoints in Express to support database integration and error handling

News Site Web Scraper | /web-scraper
Node.js, Express, Javascript

> Developed web scraper using Node.js and Express to filter and display data based on HTML tags

> Implemented HTTP requests using JavaScript on the front-end, Node.js back-end and Express routing

Interactive Weather App | /weather-app
Javascript, HTML/CSS

> Designed a web application to show weather conditions and temperatures from the user's geolocation

> Implemented OpenWeatherMap's REST API to parse and request JSON weather data

Project Management Decision Support System | MSCI 100 Term Project
Microsoft Excel, Excel VBA

> Developed a time management software to track and provide analysis on study-sleep patterns for university students in a team of 4 using Excel VBA

Education

Sep 2021 – present

University of Waterloo | GPA: 3.8/4.0

> Candidate for B.A.Sc in Management Engineering