Alex Khien

<alexkhien@hotmail.com> | https://github.com/alkl

EXPERIENCE

IBI Group – Software Developer   **Toronto, ON**
C#, C++, TypeScript, .NET, Angular, SQL Server, Git, TFS   June 2021 – Present
- Worked with clients to develop features in both the front-end and back-end application
- Designed and implemented new features that increased efficiency and reduced vulnerabilities
- Analyzed the code base to review project bugs, and thereafter design and implement bug fixes
- Performed peer code reviews before committing changes to repository
- Performed and created test cases to ensure new updates functioned as expected
- Participated in daily scrums and idea generation for new key features and implementations ideas

Freelance Full Stack Website   **https://www.Sparklingfresh.ca/**
React, Node.js, JavaScript, MongoDB, Git   January 2021
- Designed, deployed, and maintained fully responsive React web application for professional marketing
- SEO optimized using backlinks and meta tags leading to improved Google ranking and 20% monthly increase in searches and website viewership
- Uses Google Map API to display interactive map of store location on website's frontpage
- Ability to record user comments, name, and e-mail address into MongoDB database
- Implement error handling such as unknown endpoint redirection and form entry validation

EDUCATION

Auburn University   **Auburn, Alabama**
Bachelor of Computer Science, BCS   December 2021
- **GPA:** 3.90/4.0

Wilfrid Laurier University   **Waterloo, Ontario**
Bachelor of Business Administration, BBA   May 2017

PERSONAL PROJECTS

Office Plants Watering System   **https://github.com/alkl/TheOfficePlants**
.NET, C#, React, JavaScript, SQL Server
- Designed and implemented full-stack web application that keeps track of plant water level using SQL Server

Pathfinding Algorithm Visualizer   **https://alkl.github.io/PathfindingVisualizer/**
React, JavaScript
- Designed, deployed, and maintained fully aesthetic React web app for visualizing various algorithms on a grid
- Features includes choosing algorithms, choosing wall patterns, manually adding walls and speed changer

'Unfocus' Google Chrome Extension   **Google Web Store: 'Unfocus'**
JavaScript
- Published Google Chrome extension, that can be found on the Google Web Store, fully written in JS
- Extension utilizes YouTube API to generate random videos curated from a user generated list

Hospital Data Importer Project   **https://github.com/AlKL/HospitalDataImporter**
Java, SQLite
- Designed a Java CRUD application to translate text files into a comprehensive database
- Program applies various Java and SQL concepts such as OOP, robust exception handling, documentation, and key restraints to simulate real world environments and generate meaningful reports

SKILLS

- C++, C#, TypeScript, JavaScript, Java, React, Angular, .NET, SQL Server, SSMS, NodeJS, MongoDB, Git, TFS, JSON, HTML, CSS