Kyle Alvares

Phone: (905) 209 - 9157 **Mail**: kyle.alvares@ontariotechu.net **Github:** https://github.com/kylealvares

---

Objective: To obtain a co-op position in the summer of 2021, in the pursuit of gaining invaluable experience related to my field of study in computer science.

Highlight of Qualifications:
- Proficient in Java, C++, RestAPI, Python, PostgreSQL, HTML5, CSS3 and JavaScript
- Experience with Node, React, MongoDB, Flutter, Clojure, Android Studio, JavaFX, Ubuntu, Git, LaTEX, AutoCad and CNC operations
- Possess strong leadership, technical, communication, collaborative and organizational skills
- Strong with Object Oriented Principles and Agile Practices
- Skillful with Microsoft Office, Google Workspace & IDE's (Visual Studio, Eclipse, IntelliJ)

Education:

Bachelor of Science - Computer Science (GPA: 3.75)   **Graduation Year: 2022**
Ontario Tech University (University of Ontario Institute of Technology), Oshawa, ON
- $3000 Award of Recognition Scholarship
- President's Honour List Recognition for Fall 2018 Term
- Dean's Honour List Recognition for Fall 2019 Term
- Dean's Honour List Recognition for Winter 2020
- President's Honour List Recognition for Winter 2021
- Related Courses: Programming Workshops I & II, Data Structures & Algorithms, Analysis & Design of Algorithms, Programming Languages, Database Systems and Concepts, Scientific Data Analysis, Software Systems & Analysis, Software Design & Integration, Collaborative Leadership, Technical Communications
- Currently Enrolled In: Web Application Development, Compilers, Computer Graphics and Visualization, Software Quality Assurance, Machine Learning Theory and Application

Work Experience:

Camp Director   **June 2020 - August 2020**
The Olive Branch Community Church, Markham, ON
- Responsible for organizing engaging meetings, crafts, games and other activities for campers
- Led and collaborated with a team of workers to ensure tasks were well and completed on time

Kid's Branch Ministry Planner   **June 2019 - August 2019**
The Olive Branch Community Church, Markham, ON
- Planned weekly activities for the year to engage various age groups of children (Ages 2 - 11)
- Coordinated and facilitated three camps throughout the summer for children and youth
  - Active skills, attentive listening, problem solving, ensured the safety of campers

AutoCad Designer, General Woodwork   **July - August (2017, 2018)**
A and D Woodturning, Richmond Hill, ON

- Cataloged and designed spindles and other wood artifacts using AutoCad software, to be later applied to CNC machines
- Operated various CNC machines to create spindles and other wood artifacts

Recent Projects:

Portfolio Website
- Created a responsive portfolio website using HTML, CSS and JavaScript. Visit www.kylea.me to interact with.

Optical Character Recognition
- Uses python only, and receives a 28 x 28px image and is able to predict the numbers from 0 - 9, using the KNN algorithm. Training set is provided by the MNIST Database.

Planner
- Using HTML, CSS & Javascript to organize course work, schedules and notes. Local storage is currently used for persistent data.

Dashboard
- Keep track of day to day tasks, generate passwords, store voice memos, access your email and more in one easy to use application. The graphical user interface is created through JavaFX .

Earthly
- Keep track of wildfires, volcanoes and severe storms live and globally. This site takes advantage of the Bing Maps API. In addition the data is collected from the NASA API.

Stocks
- This site allows you to view current stock charts through Chart.js . Data is collected from the AlphaVantage API as well as the search autocomplete results.

Into the Mindscape (Game)
- Platformer game where a character collects coins and a key to get through a door in order to complete level. The game was created using pygame and several other python libraries, the map was created using Tiled.

Volunteer Experience:

Office Clerk   **September 2016 - May 2017**
Markham-Stouffville Urgent Care Centre, Markham, ON
- Documented and filed patient records
- Organized patient charts and directing patients to appropriate locations in an efficient manner

Charity Co-President   **September 2014 - May 2017**
Siempre Juntos Mas Fuerte Youth (SJMF Youth)
- Organized teams of high school students to fundraise money (minimum $2000 per person) and participated on trips to the Dominican Republic to build houses for impoverished people
- Interviewed students, ran charity events, organized trip logistics, managed expenses
- Built 3 houses throughout time in SJMF Youth
- Part of the original team and first ever trip for SJMF Youth

Certifications: National Lifeguard, Airway Management, Standard First Aid, CPR-C & AED, High Five: Principles of Healthy Child Development