Hoang Do

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EDUCATION:

Computer Engineering Technology – Computing Science Program

Algonquin College of Applied Arts and Technology, Ottawa ON (Sept 2019 – Present / GPA 3.8/4.0)

SKILLS:

TECHNICAL PROFICIENCIES:

Software: Office 365 (Word, Excel, Outlook, Power Point), SharePoint, Visual Studio Code, Visual Studio 2019, Google Cloud Platform, Git

- Strong technical communication skills to prepare detailed technical reports and effective presentations.

Web Development: HTML, CSS, JavaScript (jQuery, React.js, Node.js), AJAX, XML, PHP

- Revamped web applications, minimizing XSS attack by sanitizing data from user input.
- Designed and developed user-friendly website, including optimized website speed by using appropriate size of files uploaded.
- Fixed bugs from existing websites and implemented enhancements that significantly improve functionality.

Databases: PostgreSQL, MySQL.

- Tested and generated well-designed databases and manipulated database objects using basic and advanced SQL commands.

Languages: C, C++, Java, NetBeans 8.0, Shell Scripting, Junit Testing

- Created, tested and maintained Java program codes using object-oriented methods.
- Debugged programs using manual techniques and computerized programming tools.
- Participate in building, test, implementing, and maintain applications to apply a systematic approach to solve problem using C Language.

Operating System: Linux, Windows 10.

- Within a Linux environment, able to diagnose, solve, troubleshoot, and document technical problems involving computing devices using appropriate methodologies.
- Identify and apply discipline-specific practices to analyze, evaluate from a variety of sources in a Unix/Linux environment.
- Developed OS scripting through Shell Scripting in Linux and Batch Files in Windows.

ACADEMIC PROJECTS:

Compiler Buffer (C Language) – An excessively defensive programming buffer, utilized and optimized different programming techniques, data type and structures, memory management, and simple file input/output, using Command Prompt to run from Debug file with different file inputs.

Sales Inventory (Java) – There are 2 versions of sale inventory under branches. First version has option for file reading and input to collect data from files for different items. Second version does not have reading file option but having algorithms and library for date check and using FIFO Queue for checking expired items in the list. Both versions using OOP method and Big O Notation to read and sort datasets.

Music Waves Application(React, HTML, CSS) – Created a new music app which applied different new learnt methods from React.js, recycle components which optimized and reduce the duplicate of repeating the same amount codes within distinct components and uplifting states.

3D Lithophane Printing (Java) – Applying encapsulation, polymorphism, inheritance and understanding of objects and classes, with experience working with interfaces.

Flappy Bird (Java) – Created a GUI program based on the Flappy Bird Game. Gave me a better understanding of GUI Java projects, and the connection between the Front and backend of the application.

WORK EXPERIENCE:

Web Designer, Invest Ottawa(*Aug 2020 - Dec 2020*)

- Design and develop online experiences that engage users across the web, mobile and social platform.
- These may include website relaunch, e-commerce websites and content management systems.
- Each project is designed and built for the future and our team thoroughly tests all platforms extensively prior to launch.

OTHER WORK EXPERIENCE:

Cook & Cashier, Coco Fresh Tea & Juice (*Aug 2020 - Dec 2020*)

- Collaboratively working in team environment to give the customers the best service.
- Strategic-relationship and partnership-building skills—listen attentively, solve problems creatively.

CO-CURRICULAR ACTIVITIES:

Ambassador, FWD50, technology workshop (Nov 2019 – Dec 2019)

- Enthusiast in the missions, advise and assign participants with their questions.
- Highly motivated and enthusiastic in the mission assigned along, doing and contributes the best.

Ambassador, IBM z, Master the Mainframe (Mar 2020 – Aug 2020**)**

- Sharing technology and knowledge within the IBM z community, helping others solving the problems regarding coding logic.
- Inviting and hosting small meetups every month to discuss future plan or paths.

Tech Support, OIAF 2020, Ottawa International Animation Festival (Sept 2020)

- Providing support and help through live chat to solve their issues with laptop audio, video or tickets when joining the event.

REFERENCES:

Jason Mombourquette, Java Professor (Lab/Lecture)-Email: mombouj@algonquincollege.com - Phone: (613) 222-7433

James Mwangi, Data Structure Professor (Lab/Lecture)-Email: mwangij@algonquincollege.com