AARON THOMAS

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Innovative professional (in-training) with a strong work ethic, high energy and in-depth knowledge for a role as:

Junior Software Developer

Quick-learning technology professional with a solid knowledgebase in software development theory, principles and concepts. Motivated employee with fundamental knowledge of codebase, small bug fixes, and paired programming with mid-level and senior developers. Job duties include attending and contributing to development team meetings, troubleshooting, patching computer code, and collaborating with other developers to create applications. Patient and dependable team member with an analytical approach to problem-solving.

Academic preparation and hands-on experience include:

- Professional Practices for IT Industries
- Intro to Windows Administration
- User Interface Design & Development
- Operating Systems: Linux
- Algorithms & Data Structures

- Data Fundamentals
- Logic & Programming I & II
- Professional Practices for IT II
- Intro to Systems Analysis & Design
- Software Patterns

- Introduction to Networking & Security
- Website Development
- Intro to Object Oriented Programming
- Transactional Database Programming
- Cloud Services

FORMAL EDUCATION

Diploma IT Programming | Nova Scotia Community College (NSCC) | Halifax, Nova Scotia | 2019 – 2021
High School Diploma | Auburn Drive High School | Dartmouth, NS | Graduated with High Honours & Perfect School Attendance | 2017

WORK EXPERIENCE

FULFILLMENT ASSOCIATE | Walmart Inc. | US-based multinational retail corporation | August 2017 – Present
Cole Harbour, NS | Track record for perfect (100%) work attendance and recognized by managers as having a very strong work ethic in a (an often) physically demanding environment. Consistently follow corporate procedures, including strict compliance with occupational health and safety policies. Deliver consistent and respectful customer service.

Accountabilities:

- Stock merchandise to the sales floor | Bin overstock to the backroom.
- Remove overstock from the bins and transfer the sales floor.
- Facing merchandise and stock rotation | Cleaning the backroom.
- Assisting customers, such as helping them locate a specific department/product or carrying a heavy item to their vehicle.

RELEVANT NSCC COURSEWORK (TO DATE)

COMM 1700 - Professional Practices for IT
This course exposes learners to tools and processes that support continuous improvement. Focused on communication, collaboration and career development, this course delivers skills essential for success in information technology industries.

DBAS 1007 - Data Fundamentals
This course introduces learners to the concept of a database management system and its role in the IT infrastructure of businesses. Learners will use a database management system to develop and use a database to store and manipulate data. Learners will also be asked to interpret database diagrams and create database objects based on their meaning.

NETW 1700 - Introduction to Networking and Security
This course introduces the models, components, functions, architecture, and structure of computer networks. The principles and Internet Protocol (IP) addressing and the fundamentals of Ethernet concepts, media and operations are introduced to provide a foundation for future courses. By the end of this course, learners will be able to build simple Local Area Networks, perform basic configurations for routers and switches, and implement IP addressing schemes

OSYS 1200 - Introduction to Windows Administration
This course is an introductory course to familiarize the learner with key topics in managing a Windows client operating system.

PROG 1700 - Logic and Programming I
This course introduces learners to the Python programming language, focusing on the fundamentals of logic and computer programming, and the roles they play in creating software solutions for any problem. Logic is used to break down software instructions into manageable tasks, to allow for comprehensive problem-solving using computer code.

WEBD 1000 - Website Development
This course introduces learners to the HTML and CSS programming languages, focusing on website development. Emphasis will be placed on development processes, usability, and adhering to current industry standards.

APPD 1001 - User Interface Design and Development
This course introduces effective and usable interface design. Emphasis will be placed on designing user experiences that adhere to industry standards. Starting from project requirements, learners will design user interfaces and test for usability. Both desktop and web application interfaces will be explored.

COMM 2700 - Professional Practices for IT II
This course develops tools and process that support professional continuous improvement. Focused on communication, collaboration and career development, you will begin to develop the 21st century skills essential for success in the information technology industries. This course will establish professional habits, methodologies and strategies to help graduates remain current and relevant in an ever-evolving profession. Learners will also begin to cultivate critical thinking skills and apply processes that support and validate professional decision making.

OSYS 1000 - Operating Systems – Linux
This course introduces the skills and knowledge that will enable the student to install, configure, maintain and troubleshoot a current UNIX based operating system (OS) in standalone workstation mode.

PROG 1400 - Introduction to Object Oriented Programming
This course introduces learners to the Java programming language, focusing on the essentials of object-oriented programming (OOP). This course provides an explanation of the paradigm on which OOP is based, and how it affects programming strategies and solutions.

PROG 2007 - Programming II
This course introduces learners to the C programming language, focusing on the various uses of pointers, efficient memory management and interfacing with the standard C libraries. The course will also highlight the differences between the C language and other common programming languages that learners may be familiar with, in terms of syntax and coding practices.

SAAD 1001 - Introduction to Systems Analysis and Design (AD)
This course explores the analysis and design phases of the software development life cycle using object-oriented methodologies and tools. Exploration can include an introduction to the Unified Modelling Language (UML), the philosophy of agile development and the basics of good proposal writing.

Transactional Database Programming
This course further explores Code Structured Query Language (SQL) that satisfies stated requirements for storage, retrieval, and manipulation of data using correct syntax and incorporating appropriate business logic. Manage transactions using DML commands and procedural code according to business requirements. Optimize distribution of transactional processing load in a standalone, client/server, or N-tier environment using procedural language. Interpret complex procedural code snippets for the purpose of supporting modifications or additions.