

ASHAAB KHAN

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Education

Wilfrid Laurier University, Waterloo, ON

Sept 2016 – April 2021

- Candidate for Bachelor of Computer Science, Coop (Professional Experience Program)

Skills

- Excellent ability to manage, organize and multitask to meet deadlines.
- Excellent analytics skills with strong object-oriented design and development capabilities.
- Excellent debugging, troubleshooting and testing skills, as well as verbal and written communications skills.
- Java, Python, C, C#, ASP.NET, HTML, CSS, JavaScript, SQL, MySQL, jQuery, AJAX, VBA.
- Django, Hadoop, AWS EMR, SciKit-Learn, NumPy, MATLAB, OpenCV, Pandas, Spark, Hive, GIT.

Work Experience

Parker-Hannifin Canada, Milton, ON

May 2019 – Current

Software Developer Intern

- Created and maintained various web applications for internal usage that supports supply chain, marketing and business analytics departments using ASP.NET, C# and SQL.
- Supported the IT helpdesk by resolving technical end user equipment or related user technical issues.
- Developed a C# program that automatically creates a commercial invoice for all international exports when scanning an export shipment slip; removed manual task for warehouse staff and improved productivity.
- Built a hardware system that measures and weighs incoming products for storage using a 3-dimensional scale and created software to calculate optimal solutions for storing maximum number of products in storage areas.
- Analyzed department effectiveness by extracting performance metrics from a SQL database and visualizing results using Power BI and created bi-weekly reports to present for the team.
- Outlined and corrected points of inefficiency related to supply chain during quarterly Kaizen events, by designing processes to automate manual tasks and remove any inefficiencies and waste.

Amazon, Milton, ON

May 2018 – Sept 2018

IT Support Technician

- Maintained and troubleshoot IT equipment, such as PCs, wireless handheld devices and other end user devices, resolved technical issues identified by employees.
- Created Macros on Microsoft Excel using VBA that automated order tracking and shipment delivery processes, increasing productivity and efficient use of time.
- Set up android driver devices/servers, installed or upgraded operating systems when required.
- Maintained IT inventory, performed inventory checks of assets within the IT department.

Banana Republic, Halton Hills, ON

April 2017 – April 2019

Sales Associate

- Ensured the hourly/daily sales target is met by informing guests of store promotions and products.
- Performed inventory checks and ensured that the sales floor was fully stocked.
- Cash trained, performed cash transactions and returns.

Volunteer Experience

Royal Canadian Air Cadets, Milton, ON

Sep 2010 - Sept 2016

- Coordinated and organized Field Training Exercises (FTX), created exercises and training modules specific for each cadet level and understanding; Taught aviation classes to junior cadets and organized glider trips to apply lessons.
- Participated on many fundraising events to raise money for the squadron.

Projects

Movie Recommendation System

- Console application that makes rating predictions and recommends movies to the user by implementing a SVD and collaborative filtering algorithm to find latent vectors from a 100k MovieLens database, from which the model uses to make the predictions and recommendations; implemented using Python, Pandas API and SciKit-Learn API.

Laze

- Web application where users can “pin” points of interests given their current location within the Wilfrid Laurier campus. Creates a heat map of the most active common areas and information about the POI such as study hall availability, Tim Horton’s lineup length, etc.; implemented using Django and Python and MySQL.