

DAVID HERRINGTON

3A Honours Management Engineering
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SUMMARY OF QUALIFICATIONS

- Strong knowledge of Excel/VBA, AutoDesk Inventor, AutoCad, and Process Analysis, MS Office
- Experience with Java, Python, HTML, CSS, MATLAB, Simulink, SolidWorks, R, and SQL
- Design experience with Adobe Illustrator and Photoshop utilized in past work experiences
- Experienced with project organization, data analytics and time management through security administration

PROFESSIONAL EXPERIENCE

Process Engineer, North Star, St. Thomas, ON

Sept - Dec 2018

- Performed in-depth analysis of assembly lines, using Autodesk Process Analysis to evaluate flow
- Produced detailed models of parts and layouts of lines with Autodesk Inventor and AutoCad
- Utilized VBA to automate data collection and sorting, creating line balancers and layouts
- Collected temperature values to solve heat transfer problems using Thermodynamics processes
- Used hands-on background to design and assemble 5S Boards and Inventory Flow Racks

Head Teaching Assistant, University of Waterloo, Waterloo, ON

Jan 2017 - Present

- Provided marking, instructional and personal support to 870 enrolled students for PD21 and PD1
- Provided mentor support to students through critiques and online assistance
- Created and implemented two Excel documents to improve efficiency using VBA
- Rehired as a part-time marker, responsible for marking roughly 90 student assignments per week

Security Administrator, TDSB, Etobicoke, ON

May - Aug 2017

- Assessed vendor pitches and presented findings and suggestions to upper management
- Documented and researched numerous security incidents; constructed multiple RFQs
- Designed multiple posters viewed by 240,000+ students on Illustrator

Internal Infrastructure Specialist, T4G Limited, Toronto, ON

May - Dec 2016

- Worked as a team member on Active Directory, SharePoint and Exchange server management
- Operated a help desk for all employees, the first line of contact for all IT-related issues companywide
- Built and deployed all hardware and software companywide (laptops, phones, programs, imaging)

CNC Machinist, Sherwood Cabinetry, Mississauga, ON

2013-2015

- Operated a triple axis Thermwood CNC Machine using Qcore Super Control and eCabinet Software
- Handled tooling, maintenance, configuration, error handling, adjustment and support of machine

EXTRACURRICULAR WORK

Entrepreneur, SeerSolutions.online, Waterloo, ON

2017 - Present

- Developing a product for the hair industry; currently in testing stages

Vehicle Dynamics Engineer, WATonomous, Waterloo, ON

Sept - Dec 2017

- Assisted as a core team member to simulate vehicle dynamics using Simulink

INTERESTS Include Investing, Automobiles, Snowboarding, Football, Entrepreneurship