Taylor von Hausen

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PROFICIENCIES

Languages:
- Python · C · Java · HTML/CSS · JavaScript · VHDL

Operating Systems:
- Microsoft Windows · macOS · Linux (Primarily Debian and Ubuntu)

Hardware:
- Arduino · Raspberry Pi · Spartan6 FPGA Board · Bread Board

Software:
- Microsoft Office Suite · MongoDB · MatLab · SolidWorks · VirtualBox · Xilinx ISE Design Suite

EDUCATION

Bachelor of Engineering, Major (Co-op), *University of Guelph*, Guelph, Ontario   2016 – Present
- Engineering Systems and Computing Program
- University of Guelph Entrance Scholarship for an average above 85%.

International Baccalaureate Cameron Heights Collegiate Institute, Kitchener Ontario   2012-2016
- IB Diploma Program
- Ontario Scholar

WORK EXPERIENCE

IT and Knowledge Management Coordinator , *Mennonite Economic Development Associates*, Waterloo, Ontario
                                                                                                May 2018 – September 2018
- Designed and developed a Python-Flask application to distribute voucher codes via SMS to recognized clients, with an SMS interface as well as a web interface.
- Created a project timeline for the Python-Flask application and completed goals on time in a timely manner.
- Created scope of work and presented scope of work to client.
- Created and integrated a MongoDB with the Python-Flask application to store information on clients, vouchers, and system logs.
- Presented project, its design and my suggestions to supervisor and other senior employees.
- Handled responsibilities independently with minimal management.
- Ran a programming workshop for the IT department.

Material Handler, *Home Hardware*, St. Jacobs, Ontario   May 2017 – September 2017
- Interpreted, retrieved and shipped customer orders of materials from the main warehouse. Handled fragile materials. Orders had to be filled accurately and shipped to the proper stores.
- Completed orders in a timely and efficient manner, working safely around the large machinery in the warehouse such as swing lifts and conveyor belts.
- Worked independently without supervisor aid for most of the day requiring a good work ethic and strong attention to detail. Had to work quickly and efficiently so that the section did not fall behind.
- Relied upon if other sections of the warehouse were falling behind to help out.
- Developed good relationships with co-workers, accuracy, attention to detail and professionalism.