Tasmiha Hassan

Software Engineer (Level 3)

A passionate, dedicated, and enthusiastic 3rd year Software Engineering student who is eager to contribute unique solutions and learn along the way. Highly proficient in Java, C, Assembly, and Python. Able to comprehend new tasks quickly when demonstrated. Excellent mathematical ability, problem solving skills, written and verbal communication skills.

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WORK EXPERIENCE

IT Helpdesk Specialist (Co-op)

Survalent — SCADA Software Company
May 2018 • August 2018 — Brampton, ON

Achievements/Tasks
- Presented over 50 live webinars to customers in utility companies across North America, and closed over 200 cases
- Prepared test environments and gained remote access to troubleshoot live SCADA systems
- Handled incoming calls and provided customers with solutions, documentations, software, and portal access
- Developed a strong understanding of SCADA software and automation, servers, and databases

Production Operator (Co-op)

WestRock — Corrugated Packaging Company
May 2017 • August 2017 — Etobicoke, ON

Achievements/Tasks
- Developed and strong understanding of safety procedures and protocols
- Operated large machinery through control buttons and troubleshot production errors
- Signed off on shipments and provided documentation
- Set up, stack, and shipped desired amounts of production

VOLUNTEER EXPERIENCE

FIRST Robotics Competition Volunteer

For Inspiration and Recognition of Science and Tech.
2013 • 2018 — Various Locations, Canada

Achievements/Tasks
- McMaster University (2017 – 2018): Field Repair Reset
- York University (2018): Practice Field Attendant
- Fletchers Meadow S.S.(2013-2015): Lead Volunteer Coordinator
  ⇒ Planned and executed all orientation programs and training for incoming volunteers

EDUCATION

Bachelor of Software Engineering

McMaster University
2016 • 2020 — Hamilton, ON

Achievements/Tasks
- Currently enrolled in Level III Software Engineering
- Awarded McMaster Entrance Scholarship for high marks (90.5%)
- 8.0 on a 12.0 scale & 3.3 on a 4.0 scale Cumulative GPA (75%)

Relevant Course
- 3DB3 Databases
- 3XA3 Software Project Management

TECHNICAL SKILLS

Microsoft Office
Word, PowerPoint, Publisher, Excel, Teams

Software
Autodesk Inventor, SmartVU, SCADA Explorer, Git

Audio and Video
Cubase, Sony Vegas Pro, Protools

PROGRAMMING LANGUAGES

C *Upper-intermediate*	**Java** *Upper-intermediate*
Python *Intermediate*	**HTML & CSS** *Intermediate*
SQL *Intermediate*	**JavaScript** *Beginner*
Mongo DB *Beginner*	**PHP** *Beginner*

TRANSFERRABLE SKILLS

- Strong organizational, written, and oral communication skills in English; also able to speak conversational French and Bengali
- Ability to come up with unique solutions; frequently chosen ideas pitched by me
- Effective time management skills; always able to meet deadlines and arrive on time

PROJECTS

Adoptation — January 2018 • May 2018

Description
- A Java application that will use the local government dataset of animals in pet shelters to match a user to a pet that best suits them
- Takes into consideration, the breeds most in need at the shelter, and the personality of the user

Website Portfolio — 2015 • Present

Description
- A online portfolio that highlights my skillsets and passions through videos, images, and documentation
- Gained experience writing in HTML and CSS and got exposure to frameworks
- Starting to use Javascript and PHP to expand my knowledge