INDUSHA SEMBA

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✔ SKILLS

- **3 years of Java experience** and advanced knowledge of Object-Oriented programming
- Ability to create websites with self-taught knowledge of **HTML, CSS, JavaScript**
- Capable of working with **Arduino** hardware and software
- Advanced skill using **Microsoft Office Suite, Excel (including pivot tables & Macros)**, Access, Visio, Powerpoint
- A self starter and fast learner with proven ability to work under minimal supervision
- Exemplary communication, teamwork, leadership and time management skills

<> LANGUAGES

Language	Level
Java	●●●●○
Vba	●●●●○
Javascript	●●●○○
CSS	●●●○○
JQuery	●●●○○
MySQL/SQL	●●●○○

🎓 EDUCATION

Honours Management Engineering
University of Waterloo, Ontario
Sept. 2017 – Present

🔧 PROJECTS

Treasure Dash | Java

- Designed and developed the game "Treasure Dash" by using object-oriented programming principles
- Developed intelligent algorithms for player re-spawning, enemy movement, and score calculation

Battle Star | Java

- Built an enhanced Pong inspired game using only the standard java library
- Successfully implemented an AI algorithm capable of increasing difficulty based on user input

First Robotics | Arduino

- Worked collaboratively to design, build, and implement Arduino based robots suited to compete against other teams
- Programmed robot paths and various movements using C/C++ functions
- Learned to troubleshoot hardware and software errors

Decision Support Tool | VBA

- Software lead responsible for designing and implementing an excel tool focused on project scheduling with excel VBA
- Performed usability, functionality, compatibility testing and led the presentation of a highly effective final product

💼 WORK EXPERIENCE

VBA Developer | Ericsson, 2018

- Lead the automation of the operations team's manual processes with the use of VBA code and macro to improve accuracy and efficiency
- Developed and implemented a purchase order application with the use of Tableau developer tools and APIs to organize and display data more effectively
- Aided in development and management of Access database solutions using SQL Server, including macros and reports.

Web Design & Marketing | MYB Distribution & Marketing, 2017

- Improved the design of the website and flyers to gain customers
- Delegated routine tasks between group members to effectively deliver flyers to customers, thereby increasing sales