

# Ishraq Hasan

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## Biography

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**Age:** 22  
**Gender:** M  
**Date of Birth:** 10 January, 1999  
**Marital Status:** Bachelor

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## Technical Aptitude

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<b>Practical knowledge:</b>	Embedded systems, electronic hardware analysis, ethical hacking, advanced networking, Linux system configuration
<b>IDE Familiarity:</b>	Visual Studio & Visual Studio Code, Codeblocks, Eclipse, all IntelliJ platforms, Vim and Nano, Arduino IDE, Matlab
<b>Technologies:</b>	Firebase, Git, Qt, JavaFX, ReactJS, VueJS, MongoDB, MariaDB/MySQL, Django, Unity, MS Office Suite
<b>Programming Languages:</b>	C, C++, C#, Java, JavaScript, TypeScript, PHP, Bash, Lua, Assembly (x86), Python, Matlab
<b>Operating Systems:</b>	Linux server administration, Advanced usage of Windows, Linux and Android

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## Institutional Education

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- BSc in Computer Science and Engineering | *Military Institute of Science and Technology*  
**CGPA:** 3.57  
**Club Affiliation:** MIST Computer Club (Mentor Committee)  
**Graduation Year:** 2021
- Higher Secondary Certificate (HSC) | *Saint Joseph Higher Secondary School and College*  
**GPA:** 5.00  
**Graduation Year:** 2017
- Secondary School Certificate (SSC) | *Saint Joseph Higher Secondary School and College*  
**GPA:** 5.00  
**Graduation Year:** 2015

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## Certifications and Achievements

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- Research Paper Acceptance on Project Thermique | *IEEE CS BDC Winter Symposium (2020)*
- Second Runner up in Tri-RoboCup 2020 | *MIST Robotics Club*
- CompTIA A+ Certification
- High Distinction in Computer Skills | International Assessment for Schools (2010) - *The University of New South Wales*
- High Distinction in Computer Skills | International Assessment for Schools (2009) - *The University of New South Wales*
- Distinction in Math and English | International Assessment for Schools (2008-2010) - *The University of New South Wales*

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## Project Affiliation

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### 2020

- **Project Thermique**

**Description:** A smart and cheap alternative to temperature screening for COVID-19 in the entrances of institutions and Offices

- **Project Medica**

**Description:** A DBMS based web application that provides a platform for patients, doctors and caregivers in accessing/providing medical services more easily

- **A Game of Pong**

**Description:** Implementation of the classic game of Pong, with two players, designed with barebones components and not reliant on existing modules

### 2019

- **Simple File Repository Website**

**Description:** A multi-user website that allows file uploads and downloads, similar to a file server, but with managed access, made with NodeJS and minimal framework usage

### 2018

- **Typing Tutor in C**

**Description:** Console-based application that allows for typing speed improvements

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## Miscellaneous

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- **Secondary skills:** Cooking, social engineering, proof-reading of documents, stories and international job contracts and official letters for friends and family, fixing broken machines
- **Hobbies:** Taking apart electronic appliances to understand how it works, weekend projects to understand how a particular technology works, optimizing existing personal projects, listening to music, fiction writing