**| Basic Information**

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| |  |  | | --- | --- | | **Name** | **ABABIL ISLAM UDOY** | | **Birth date** | **January 5th 1998** | | **Current Address** | **569West Shewrapara**, **Dhaka** | | **Contact Number** | **+8801521508714** | | **E-mail** | **ababilislamudoy@gmail.com** | | **Portfolio link** | **LinkedIn portfolio**: [www.linkedin.com/in/ababil-islam-udoy](http://www.linkedin.com/in/ababil-islam-udoy) **GitHub**: <https://github.com/Ababilislam> | |  |

**| Academic Background**

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| **Degree** | **B.Sc. in Computer Science and Engineering (CSE)** | | |
| **University Name** | **Green University of Bangladesh** | | |
| **Duration** | **September 2018- March 2022** | **CGPA** | **3.60/4.00** |
| **Passing Date** | **May 10th 2022** |  | |

**| Professional Working Experience**

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| **Company Name** | BJET |
| **Job Title** | BJET Trainee |
| **Job Responsibilities** | • Learning Japanese, Japanese Business manner and IT  skills |
| **Duration** | October 10th 2022 – march 10th 2023 |

**| Technical Skills**

S = Team Lead or Managerial Level experience, A = Professional project Experience, B=Highly confident skill, C = Personal /

Academic Project Experience, D = Theoretical Knowledge

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| **Programming Language** | Skill Level | **Web** | Skill Level | **Database** | Skill  Level | **Others** | Skill Level |
| **Python** | **A** | **HTML** | **B** | **MySQL** | **B** | **Pattern**  **Recognition** | **A** |
| **C** | **C** | **CSS** | **B** | **SQLite** | **C** | **Artificial**  **Intelligence** | **B** |
| **Java** | **C** | **Django** | **C** |  |  | **Machine**  **Learning** | **B** |
| **C++** | **C** |  |  |  |  | **Git, GitHub** | **B** |
| **C#** | **D** |  |  |  |  | **UI/UX Design** | **B** |
| **JavaScript** | **D** |  |  |  |  | **CCNA** | **B** |

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| **Programming Language** | Skill Level | **Web** | Skill Level | **Database** | Skill  Level | **Others** | Skill Level |
|  |  |  |  |  |  | **Unified**  **Communications (UC)** | **C** |
|  |  |  |  |  |  | **Shell** | **C** |
|  |  |  |  |  |  | **MikroTik** | **C** |

**| Academic or Personal Project Experience**

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| **Duration** | **Project Details** | **Technology Used** | **Your Role** |
| **10**  **months** | **Project Title**：Increasing Capacity of QR Code using Four States Pattern Technique (FSQR).  **Project Overview**：This academic done as a research work to bring new model of QR code that is known as FSQR code.  **Project Link**: <https://github.com/Ababilislam/4-States-QR-Code-Encoder.git> **Total Number of Members**：4 | **Python, NumPy,**  **OpenCV, Image**  **similarity**  **measure, RS Code** (Reed–Solomon  error correction) | **My Role**：Team lead **Name of Part：** design, development, implementationand performance Analysis. |
| **1 year** | **Project Title：**Computer Vision Based Autism Classification System using Deep Learning. **Project Overview**：This academic done as a research work to bring new model for autism detection in real time. To find autism (ASD) affected children in early stage.  **Project Link**：N/A (project still in maturing phase)  **Total Number of Members**：5 | **Python, pandas, NumPy,**  **matplotlib,**  **OpenCV,**  **TensorFlow,**  **VGG16, VGG19** | **My Role：**Advisor  **Name of Part：** Providing directions  and assist with coding. |
| **4 months** | **Project Title**：Decoding of Four-States-QR(FSQR) code.  **Project Overview**：This academic done as a research work to bring new model for FSQR code purpose.  **Project Link**：<https://github.com/Ababilislam/4-States-QR-Code-Decoder> **Total Number of Members**：4 | **Python, NumPy,**  **OpenCV, Image**  **similarity**  **measure, RS Code (**Reed–Solomon  error correction**),**  **YOLOv5** | **My Role：**Team lead **Name of Part：** design, development, implementationand performance Analysis. |
| **3 months** | **Project Title：**Binary data encryption decryption system.  **Project Overview：**This academic done as an academic project work to bring new data  encoding system using custom  encryption/decryption system. | **Python, NumPy, pyQt5** | **My Role**：Generating project idea to ending.  **Name of Part：** design, development and implementation. |

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|  | **Project Link：** [https://github.com/Ababilislam/binary\_encryptio n\_decryption](https://github.com/Ababilislam/binary_encryption_decryption)  **Total Number of Members**：1 |  |  |

**| Training**

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| **Training Title** | **Location** | **Institute** | **Duration** |
| MikroTik Certified Network Associate (MTCNA) | Bright technologies ltd. | Bright technologies ltd. | May 2018 – Jun. 2018 |
| Cisco Certified Network Associate (Ref. code  CCNA2004180222) | Leads Training and consulting ltd, | Leads Training and consulting ltd, | Mar. 2018 -Apr. 2018 |
| Advance Python3 programming | Leads Training and consulting ltd, | BASIS INSTITUTE OF  TECHNOLOGY & MANAGEMENT | Jan. 2018 -Apr. 2018 |

**| Professional Certification**

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| **Title** | **Institute** | **Date** |
| Write Professional Emails in English | Coursera [[Credential]](https://coursera.org/share/70f8186ff733fed37b53cb8f22000582) | May 2020 |
| Python Data Structures | Coursera [[Credential]](https://coursera.org/share/4d6f76f8e0a04021bbab9dd5aed057f6) | May 2020 |
| Introduction to Structured Query Language (SQL) | Coursera [[Credential]](https://coursera.org/share/6f94e016f5f07e53227b0eb9af7dfa0a) | May 2020 |
| Unified communications (UC) | Leads Training & Consulting Ltd. Host by **ICT Division**. | Oct. 2018 -Mar. 2019 |
| Book Reading Competition | British Council | Nov. 2018 |

**| Language Skills**

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| **Language** | **Reading** | **Writing** | **Listening** | **Speaking** |
| Bengali | Native | Native | Native | Native |
| English | Native | Advance | Native | Advance |
| Hindi | - | - | Advance | Advance |
| Japanese | Basic | Basic | Basic | Basic |

**| Special Achievements**   
**Python (Programming Language):**

***LinkedIn Skill Assessment badge.***

Link: [www.linkedin.com/in/ababil-islam-udoy](http://www.linkedin.com/in/ababil-islam-udoy)

**National High School programming contest**:   
*Mawlana Bhashani Science and Technology University.*

Won National High ICT quiz contest, 2016 at National High School programming contest.

**Programming contest:**   
*Tangail Polytechnic institute.*

Won interdepartmental programming contest 2016.

**| Others**   
**National Mathematical Olympiad 2017**   
*National Mathematical Olympiad Organizer.*

**Game Development Training |** *Tangail polytechnic institute. host by: ICT Division 2017.*

Participated in game development Training at *Tangail polytechnic institute host by: ICT Division* 2017.

**Robotics, IoT workshops 2021**   
Participate in Robotics, IoT workshop at Green University of Bangladesh.

**Participating in community services:**   
❖Club Director at Leo club Of Dhaka Oasis Garden. (2020-present) ❖Former Joint Secretary at Leo Club of Tangail. (Year 2019-2020) ❖Former Joint Treasurer at Leo Club of Tangail. (Year 2018-2019) ❖Former Tail twister at Leo Club of Tangail. (Year 2017-2018) ❖Member at Prothom Alo Bondhushava, Tangail.

❖Former Environmental Secretary at Prothom Alo Bondhushava, Tangail.