

Iqbal Samin Prithul

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EDUCATION

Electro-Mechanical Technology Fox Valley Technical College Appleton, WI	Expected May 2024
<ul style="list-style-type: none">Community College Initiative Scholarship Program US Dept. of State Bachelor of Engineering in Information and Communications Engineering Bangladesh University of Professionals Dhaka, Bangladesh	Expected July 2026
High School Certificate Upashahar College Jashore, Bangladesh	December 2021

TECHNICAL SKILLS

- Engineering:** Embedded Electronics, IoT (Espressif), Circuit and PCB Design (EagleCAD), 3D modeling (Fusion 360), 3D printing, Product development
- IT:** MS Office 365, Google Workspace, C, Python, JavaScript, Java, HTML, Adobe Premiere, WordPress
- Communications:** Virtual Meetings, Cross-cultural communication, Project Coordination, Web-content writing
- Language:** English-fluent, Bengali-fluent, Japanese-intermediate

WORK EXPERIENCE

Fiverr Freelance 3D printer firmware programmer	March 2022 - July 2023 Online
<ul style="list-style-type: none">Built custom firmware for a variety of 3D printer configurations and hardware.Advertised my gig work and attracted new customers using Facebook and Reddit.Ensured maximum customer satisfaction earning over 95 five-star reviews.	
Chefee Robotics USA Austin, TX Research and Development Contractor	May 2022-July 2023 Remote
<ul style="list-style-type: none">Modeled and tested 3D printable parts for a robot.Solved mechanical design challenges under short deadlines.Built and maintained mainboard firmware with new design iterations using Marlin.Designed electrical circuit diagrams using Eagle CAD.	
Cyber Teens Foundation Dhaka, Bangladesh Communications officer (non-paid)	November 2021-July 2023
<ul style="list-style-type: none">Arranged Zoom meetings and worked on project proposals.Coordinated a comic characters project for teenagers and raised funds to subsidize the project.Represented the organization at local events and internationally including the SYNC Digital Wellbeing Summit 2022, Saudi Arabia.	
Upashahar College Online Hack Club Founder and Leader	March 2020-November 2020 Online
<ul style="list-style-type: none">Led an online coding club for high schoolers interested in learning to code and exploring AI.Conducted weekly meetings via Zoom and collaboratively created coding projects together including an AI Tic Tac Toe game (Python) and a geometry learning website (JavaScript).	

ACTIVITIES, HONORS, AND COMMUNITY INVOLVEMENT

- Leader, Team Bangladesh, World Robot Olympiad(3rd place) | Dortmund, Germany | November 2022
- High School Exchange, Asia Kakehashi Program | Shizuoka, Japan | August 2019 - March 2020
- Patrol Leader, Jessore Zilla School Scouts Team | January 2016 - October 2019