

MEHADI HASSAN

📍 St. John's, NL, Canada
✉ hi@mehadihassan.com
🌐 mehadihn
📺 mehadihassan

EDUCATION

- **Master of Science in Computer Science**
Memorial University of Newfoundland
Sept 2022 - Aug 2024 (Expected)
- **Bachelor of Science in Computer Science and Engineering**
BRAC University
Jan 2017 - Jan 2021

PROJECTS

CredoSense Data Logger Dashboard (Python, Django, REST API, Bootstrap, JavaScript)

- Built REST API to get data from the sensors.
- Features included dashboard customization, adding and removing sensors, and downloading data from the server.
- Clients are actively using this application to monitor their data loggers.

CredoWare (Python, PyQt)

- Maintained and improved the previous code base.
- Added features like firmware update, integrated ML model to find calibration data, etc.
- Reduced the hardware and software connection time significantly.
- Added support for Apple Silicon (ARM) Architectures for macOS.

CredoSense eCommerce Website (Python, Django, Bootstrap)

- Built a fully functional and dynamic eCommerce website to sell company-wide products.
- Integrated Paypal's API for financial transactions.
- Users can create accounts and place orders.
- Admins can update order status, add products, create discount coupons, etc., from the admin panel.

COVID-19 Mobile App (Android, Java, XML)

- Bangladesh and Worldwide COVID-19 statistics.
- COVID-19 Hospitalization and Emergency numbers in Bangladesh.
- Provided information on myths, hand wash procedures, general info, FAQ, etc.

WORK EXPERIENCE

- **Full Stack Developer** (Intern/Co-Op)
CoLab Software May 2023 - Present
- **Software Engineer**
CredoSense Limited Jun 2021 - Jul 2022
- **Customer Support Specialist**
Augmedix Bangladesh Mar 2021 - May 2021
- **Student Tutor**
BRAC University Jul 2020 - Dec 2020

SKILLS

Languages and Frameworks: React, Python, Django, PyQt, Java, HTML5, Bootstrap, MySQL, LaTeX, NextJS

Software & Tools: Git, VS Code, phpMyAdmin, Google CoLab, PyCharm, Anaconda Navigator, Android Studio, cPanel

Operating Systems: macOS, Linux, Windows

PARTICIPATIONS

- Placed on VC's List for a semester and Dean's List for four semesters at BRACU.
- Participated in NASA Space Apps COVID-19 Challenge.
- Gave a talk on a Short Introduction to Neural Networks & Deep Learning at the Department of CSE, BRAC University (Nov. 2019).

EXTRACURRICULAR ACTIVITIES

- Volunteered at (ICEPE), IEEE (Mar 2019).
- Member of BRAC University Computer Club (2018 - 2019).
- Boy Scouts, Bangladesh Scouts (2010 - 2013).