

Md. Hasin Ishraq

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EDUCATION

United International University (UIU), Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering; **CGPA: 3.77 (Ongoing)**

2022 – Present

PROJECTS

FundBridge (GitHub Repo)

Developed a peer-to-peer (P2P) lending and crowdfunding platform that enables users to securely invest or raise funds through an integrated payment gateway.

Tech Stack: PHP, MySQL, HTML, CSS, JavaScript

Autonomous Road Inspection Robot (GitHub Repo)

Designed and developed a self-navigating robot capable of detecting road potholes and cracks using a custom-trained YOLO object detection model. Integrated real-time mapping to log defect coordinates and implemented an autonomous return-to-base feature for efficient data collection and maintenance.

Tech Stack: Python, OpenCV, YOLO, Arduino, Raspberry Pi

ACHIEVEMENTS

- **Champion:** UIU CSE Department **Project ShowCase** — Microprocessor & Microcontroller Lab Category
- **1st Runner-Up:** UIU CSE Department **Project ShowCase** — Electronics Lab Category
- **5th Runner-Up:** UIU CSE Department **Project ShowCase** — System Analysis & Design Lab Category

TECHNICAL SKILLS

- **Languages:** Python, Java, C, C++, HTML, CSS, JavaScript, SQL
- **Databases:** MySQL, PostgreSQL
- **Frameworks & Libraries:** Django, Flask, Node.js, OpenCV, Pandas, NumPy
- **DevOps & Version Control:** Git, GitHub