



MUHAMMAD INSHAL FARID

 Crazygamerxs |  minshal |  m.inshalfarid@gmail.com |  647-679-8237

EXPERIENCE

Bend All Automotive | *Software Developer, Canada*

May. 2024 – Sept. 2024

- Led the development of an intranet website for internal use, later scaled for global operations in Poland, the United Kingdom, and Germany.
- Performed penetration testing using industry-standard tools, identifying vulnerabilities and mitigating potential security breaches, which prevented over \$100,000 in damages.
- Conducted data analysis for the company's supplier portal using **Django** and created web-based statistical visualizations, leading to a 20% reduction in time spent on compliance reviews for vendors.

Conestoga Entrepreneurship Collective | *Student Ambassador, Tech Marketing*

Aug. 2024 – Present

- Representing the Venture Lab, Gig Lab, and Sales Lab to support entrepreneurship and innovation within the Conestoga community.
- Providing technical assistance and guidance to students launching tech startups, ensuring they overcome challenges in web development, security, and software solutions.
- Organizing and facilitating events such as tabling sessions, coding workshops, and networking events to foster collaboration between computer science students and the startup ecosystem.

ConHacks 2023 | *Organizer, Merch Designer*

Sep. 2023 – Present

- Played a pivotal role in organizing ConHacks 2023, a successful hackathon hosted by Conestoga College, Waterloo, with the participation of approximately 130 enthusiastic individuals.
- Designed unique merchandise, adding a creative touch to the hackathon's branding and enhancing the overall participant experience.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML/CSS, JavaScript

Frameworks: React, Node.js, Flask, Django

Technologies: GitHub, PyTorch, Visual Studio, Nmap, Google Cloud, Raspberry Pi, AWS, Linux/UNIX

Skills: Problem-Solving, System Analysis and Design, Data Structures, Algorithms, Object-Oriented Programming, Agile Development, Version Control, Debugging, Machine Learning, UX/UI

PROJECTS

Malicious Packet Finder | *Python, Machine Learning*

- Developed an **AI-based** network intrusion detection system achieving **97%** accuracy in identifying various cyber threats
- Implemented **Random Forest** algorithm to analyze network traffic patterns and detect **DoS attacks, Port Scanning**, and malicious activities
- Processed and analyzed the **CICIDS2017, CICIDS2019** dataset to identify multiple types of network attacks

CivFix | *Python, Django, HTML/Bootstrap, SQLite*

- Collaborated with a diverse team during the NewHacks 2023 Hackathon at the University of Toronto, contributing to the ideation and implementation of CivFix, a community Webapp for reporting and prioritizing local issues.
- Led the integration of **Django** as the back-end framework, coordinating with front-end developers to ensure seamless communication between the user interface and the database.

PenPal | *React, Node.js*

- Developed a full-stack marketplace platform for students to exchange academic resources, implementing secure user authentication and real-time messaging
- Implemented automated UI testing using Selenium and Python, achieving 90% test coverage across critical user paths

EDUCATION

Conestoga College

B.S. Computer Science (honors)

Expected Aug. 2026

GPA: 3.7