

Umar Ehsan

HIGHLIGHTS TECHNICAL SKILLS

- Working experience with C/C++, Java, Assembly, HTML, CSS, JavaScript, PHP
- Familiar with SQL databases and version control systems such as Git
- Comfortable developing in Windows, Linux, or MacOS environments
- Experienced with the object oriented programming model
- Strong data and numerical analysis skills

NON – TECHNICAL SKILLS

- Proven leadership ability through involvement in extra-curricular activities
- Excellent communication skills with the ability to explain complex concepts
- Team player with emphasis on collaboration during projects

EDUCATION BACHELOR OF ENGINEERING - SOFTWARE ENGINEERING UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY

- September 2016 – April 2020

PROJECTS DEBIT MACHINE | BANKING SERVER PROTOTYPE

- Developed a virtual debit card machine in C for the HCS12 microcontroller platform
- Created a virtual Bank server on the PC with Visual Basic and Java
- Simulated debit transactions, banking errors, and account changes

HOTEL BOOKING WEBSITE | BACKEND DATABASE

- Developed a hotel booking site using HTML/CSS/JavaScript
- Managed user data through the use of PHP and MYSQL database

EXPERIENCE RESOURCE DEVELOPMENT ASSISTANT

UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY

September 2017 – Present

- Created educational resources for undergraduate students
- Performed research on course material and added supporting material.
- Created math applets through the use of HTML/CSS/JavaScript

ELECTRONICS INSTALLER / TESTER

ECONOLITE CANADA INC., MARKHAM, ON

May 2017 – August 2017

- Ensured accuracy of installed systems through thorough testing as products needed to be 100% guaranteed free of errors and defects.
- Communicated with Engineering Department, Lead Hand, and Quality Assurance Personnel to obtain and clarify order requirements.
- Performed troubleshooting for defects and system faults.

REFERENCES AVAILABLE UPON REQUEST