

Maneesh Withanagamage

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EXPERIENCE

Technical Analyst

4PAY - Toronto

Jun 2020 - Aug 2020,

- Assisted with Documenting their OMNI product
- Created a proof of concept Block-chain using React for Front-end and Express/Node for Back-end
- Created scripts in Bash and JavaScript automate documentation of certain products
- Assisted clients with setting up and installing custom APK's for their Point of Sale devices
- Assisted another team with creating workflow diagrams for an upcoming project

IT Project Coordinator - Payments Modernization Team

CIBC - Toronto

Jan 2019 - Aug 2019,

- Provided administrative and coordination support to Project Managers on multiple projects throughout their project life-cycle
- Assisted the Quality Assurance (QA) team in writing requirements for an in-house automated reporting tool
- Tracked weekly progress and project cost, updated project dashboard for governance meetings
- Published project closure report, requirements reports, and other project reports to executive team
- Coordinated directly with Project Managers and Senior Director on task approvals
- Tracked and reconciled monthly financials for 7 different project improving efficiency for monthly budget allocations by 80%

EDUCATION

Honors Bachelor of Engineering, Specialized in Computer Engineering

York University • Toronto, ON • Sep 2015 - Expected Graduation Apr 2021

COURSEWORK

Software Design Patterns

Computer Science • Design patterns for commonly occurring problems in software design

Built an Analyzer for a simple programming language using different design patterns on Eiffel Studio

Digital Communication

Electrical Engineering • Learned digital communication theory and its practical applications within the work force; specifically designs and analysis techniques used in source and channel coding, modulation and demodulation, and signal detection.

Bi-weekly labs that applied the theoretical concepts and algorithms learned in the course to practical applications

RELEVANT PROJECTS

Personal Website

- Designed a template for my online personal portfolio
- Used HTML, CSS and JS to design the website
- Created a dynamic website to work on computers, tablets and mobile phones

Embedded System Project (Personal)

- Built a table heater/cooler systems using a 32-bit ARM based Microcontroller (LPC802)
- Developed embedded C code to communicate with the sensors (temperature, humidity, proximity)
- Used interrupts to handle the different states of the system(On, Off, Cool, Heat)

Engineering Project Management (Course-Work: A+)

- Simulated a real world Engineering project, so as to lay a solid foundation on crucial Project Management skills
- Recognized project constraints and critical paths to better manage our time on the project
- Practiced presenting a project proposal to potential customers

SKILLS

Programming Languages: Object Oriented Java, C, postgresSQL, HTML, CSS, JS, MATLAB, UNIX shell programming, Verilog

Hardware: Embedded Systems, PIC Kit, FBGA boards, PCB's for circuitry

EXTRA CURRICULAR ACTIVITIES

York University

Varsity Swim Team • September 2015 - Current

York University

Robotics Club • Sept 2016 - Apr 2017