

Maneesh Withanagamage

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EXPERIENCE

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%

Lifeguard/Instructor/Camp Counselor

City of Mississauga – Erin Meadows City Center

Jan 2015 – Dec 2018,

- Supervised patrons and ensured their safety in the vicinity
- Recognized emergencies and responded immediately according to Emergency procedures established by the city of Mississauga
- Instructed private/group swimming lessons for varying ages and experience levels
- Programmed indoor and outdoor activities for children and facilitated a safe, enjoyable learning environment

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

Embedded System Project (Personal)

- Built a table heater/cooler system 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)

Market Data Analysis – Stock App (Personal)

- Created a Java application to display trends of stocks that are interest to the user
- Used Alpha Vantage API to track real time data
- Tracked stock moving averages, adjusted returns, and other indicators

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, PostgreSQL, HTML, CSS, Eiffel, MATLAB, UNIX shell programming, Verilog

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

EXTRA CURRICULAR ACTIVITIES

Varsity Swim Team

York University • September 2015 – Current

Robotics Club

York University • Sept 2016 – Apr 2017