**GEORGE JOSE**

<https://www.georgejose.com> | <https://github.com/G2Jose> | <https://ca.linkedin.com/in/g2jose>

Full - Stack Tech Consultant | ‘14 University of Waterloo Mechatronics Engineering

**WORK EXPERIENCE**

**Deloitte, Consultant**, *‘16 – present*

**Leading Canadian Retailer Loyalty Program Revamp *(current)***

* + Front end solution engineer – JS (ES6, React, Redux, Express)

**Deloitte, Business Technology Analyst**, *Jan ’15 – ‘16*

**Leading P&C Insurance Client Digital Transformation**

* + Solution Architect

**Banking Proof of Concept App**

* + Designed and built a full stack web application using MongoDB, Express, Angular, Node.js for demo / sales

**Rubix by Deloitte**

* + Explored applications of blockchain technology in Enterprise
  + Managed two developers, defined & executed on overall strategy & roadmap

**Top 5 Canadian Bank**

* + Performed day to day program management; coordinated program cost and work effort estimation

**Rockwell Automation, Engineering Intern, Quality**, *Oct – Dec ‘12*

* Reduced defects per unit in Medium Voltage Drives from 10.2 -> 7 using Pareto analysis, Process Failure Mode Effect Analysis (PFMEA), process optimization

**Toyota Motor Manufacturing Canada (TMMC), Software Developer Co-op**, *Jan – Apr ‘12*

* Designed & implemented tablet-based solution using J2EE to optimize annual inventory process; increased efficiency by ~50%, leading to cost savings of ~$200k+ annually

**RELEVANT PROJECTS**

**Live TTC Map** *– Personal Project*

* Designed & built system to show real-time locations of Toronto streetcars and buses

*Technologies used: jQuery, Node, Google Maps API*

**Government of Ontario Data crawler** – *Deloitte Hackathon*

* Built script to crawl publicly available data from various Government of Ontario organizations
* Data harvested include names, titles, parent organizations, reporting hierarchy, salaries etc.

*Technologies used: Python, BeautifulSoup*

**Apple Watch Stocks app** - *Personal project*

* Designed & built a simple portfolio management app for Apple Watch

*Technologies used: Swift, Node.js, Yahoo Finance API*

**3D Laser Scanner** - *4th Yr. Engineering project*

* Designed and built low cost laser sensor capable of modeling its environment and objects around it in 3 dimensions. Point cloud data is streamed to computer in real time wirelessly over UDP

*Technologies used: Raspberry Pi, Arduino, C++, Matlab, Meshlab, image processing, UDP, ZigBee, Motors, Optical encoder*

**Facebook Like-meter T-shirt** - *2014 Facebook Hackathon*

* Designed & built ‘Like-meter’ LED T-shit in 24 hr hackathon
* Like-meter fills up as you get likes on Facebook

*Technologies used: Raspberry Pi, Python, Facebook API*

**Real-time Operating System (RTOS)** – *MTE 241 Project*

* Designed & programmed Real Time Operating System (RTOS) on top of UNIX; Implemented concurrency, timing services, process scheduling, inter-process communication & other features

*Technologies used: C/C++, Algorithms & Data Structures, \*nix*