**GEORGE JOSE**

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

Technology Consulting, Deloitte. 2014 University of Waterloo Mechatronics Engineering Graduate

**WORK EXPERIENCE**

**Deloitte, Technology Consulting**, *Jan ’15 – Present*

* Leading P&C Insurance Client (current)
  + Enterprise Architect on a digital transformation project
* MEAN PoC
  + Designed and built a full stack web application using MongoDB, Express, Angular, Node.js for demo & sales purposes
* Rubix by Deloitte
  + Explored applications of blockchain technology in Enterprise; Evaluated viability of several open source blockchain platforms
  + Managed two developers, defined & executed on overall strategy & roadmap
  + Prototyped distributed applications on Ethereum
* 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)
* Greatly simplified root cause analysis by developing quality analysis tool using Python, VBA

**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 & buses

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

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

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