GEORGE JOSE

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Technology Consulting, Deloitte. '14 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 and 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