

Xiao (Diana) Chen

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PROFILE Data-driven engineer with 5 years of industrial engineering experience looking for software engineer position

EDUCATION **Bachelor of Electrical & Computer Engineering**
University of Toronto, St. George Campus, Toronto
Graduated 2012, Canadian Millennium Scholarship

SKILLS Languages: Python, VBScript, C++, C, Assembly, Matlab
Tools/Frameworks: FPGA, GIT, Google App Engine, Webapp2

EXPERIENCE **BBA Engineering** **07/2016 - 07/2017**
Electrical Engineer (Licensed)

- Automated using VBScript to batch plot response outputted from TSAT software for 10 - 15 power related parameters, actively used by 5 coworkers every week, reduced processing time from 2+ hours to <10 mins
- VBScript to extract voltage and frequency data from simulation results to flag any violations to NERC PRC006 standard on Volts per Herz, which is feature gap of TSAT software, and frequently requested by coworkers
- [Scripts@github](#)

Jacobs Engineering **07/2012 - 07/2016**
Electrical Engineer (in-Training)

- Implemented digital logic for automatic bus transfer scheme using GE Multilin Relays C60 (FPGA) in a main-tie-main configuration
- Robust system that passed 16 unique test cases in the field simulation

IBM **05/2009 - 09/2009**
Summer Intern

- Provided multi-system user support on a variety of platforms (e.g. Linux, Windows) and hardware (e.g. Intel, Itanium, HP, IBM, Cisco) for IBM Power Systems, Systems x, Bladecenter, System z and Storage Systems
- Hands-on experience in implementing and troubleshooting data center Ethernet switches and fibre optics network