

**Yisheng (Jerry) Zhang**  
3A Electrical Engineering

**Current Address**  
Toronto, Ontario

**Contact Information**  
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### Summary of Qualifications

- **Languages:** Java, C, MATLAB, C#, C++, HTML, CSS, PHP (competent); ASP.NET, JavaScript, VHDL, ARM (prior experience); SQL, XPath (learning)
- **Programs:** web scraping, Web Forms, WinForms, MVC with Razor (C#); POSIX Threads, message queues, semaphores, tasks, memory management (C); Android, JUnit (Java); diffusion, wave equation, Crank Nicholson, Dornmand Prince (MATLAB);
- **Content Management Systems:** WordPress, Umbraco
- **Libraries, Frameworks, etc:** JQuery, JUnit, Bootstrap
- **Operating Systems:** Windows, Unix (competent); Linux (prior experience)
- **IDEs:** Keil uVision, Eclipse, Visual Studio, Code Blocks
- **Graphics Editors:** Adobe Photoshop, Adobe Fireworks, GIMP
- **Certifications:** G license (4 years)

### Employment History

#### Operations Technical Associate

Great Circle Solar Management, 330 Bay St #1210, Toronto, ON September to December 2016

- Extraction of data off hundreds of sites and XML files
- Web Forms and WinForms applications
- Saving XMLs and using C# to automate Excel writing

#### Web Developer

Portlands Energy Centre, 470 Unwin Avenue, Toronto, ON January to April 2016

- Researched CMSs for new website deployment
- Worked with various technologies and CMSs
- Gathered website requirements, dealt with hosting, and set up website
- Gained knowledge in power plant equipment and inner workings

#### Technician

GL Tech and Control Inc., Mississauga, ON May to August 2015

- Self-learned web development technologies to provide a website
- Worked collaboratively with supervisor and resources in company to construct panels

### Relevant Projects

**Web Box Inverters** September to December 2016

- Asynchronous loading of data off hundreds of sites and placing them onto grid views
- Allowed inputs of various sizes, and devoid of hard coding
- Event handling and enabling of various forms
- portlandsenergycentre.net

#### portlandsenergycentre.net

February to March 2016

- Installed premium Avada theme and research plugin possibilities
- Scraped data from ieso.ca using WP Web Scraper
- Troubleshoot and deployed website
- portlandsenergycentre.net

#### Personal website

- Created using only HTML and CSS
- <https://jerryishang.github.io>

### Education

**Candidate for Bachelor of Applied Science**  
University of Waterloo, Waterloo, ON

September 2014 - present