

Shawn Sheng

1B Electrical Engineering
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Permanent Address

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Present Address

Village 1
University of Waterloo
Waterloo, ON N2J 4B6

OVERVIEW

- Proficient in designing electronic circuits and use of analog/digital multimeters, as well as DC power supplies and AC function generators
- Superior grasp of digital logic with experience in VHDL
- Competent with MS Office (Word, PowerPoint, Excel)
- Experience in working with AutoCAD, SolidWorks and Google SketchUp
- Strong ability to learn new concepts quickly
- Excellent communication skills both orally and in writing

EXPERIENCE

Front-End Developer

Genesys Telecommunications Laboratories / Markham, ON / Jan 2015 – Apr 2015

- Member of the core team for an easy-to-use framework built for web development
- Resolved multiple defects affecting various components in the framework
- Created extensive unit tests for new and existing code
- Implemented innovative features to enhance the functionality of various elements
- Abided by strict software development processes and conventions

Carpenter

Q-Carpentry / Guelph, ON / Jul 2013 – Aug 2014

- Assisted with the trimming of houses under construction by Carson Reid Homes
- Completed numerous home improvement projects
 - Installed porcelain tiles, vinyl and laminate flooring
 - Finished basements (drywall, taping, plumbing, electrical, paint, trim)
 - Various amounts of trim work such as installation of new doors and baseboard
- Comfortable handling a wide variety of manual and power tools

PROJECTS

Traffic Intersection Simulation

- Accurately simulated a real-time intersection with traffic lights and pedestrian signals
- Worked with breadboards, wires, LED's, and logic gates to integrate a fluent design
- Created a Turing program to control the timing of the light switches

Condo Design

- Massive design project using AutoCAD and Google SketchUp
- Incorporated requirements such as green energy sources and feasible design model
- Followed strict, step-by-step guidelines and consistently met due dates

EDUCATION

Candidate for Bachelor of Applied Science in Electrical Engineering

University of Waterloo / Waterloo, ON / Sept 2014 – Present

- Awarded President's Entrance Scholarship of Distinction for achieving a 97% average

INTERESTS

- Badminton, reading, solving puzzles, watching movies and learning new things