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VALENTIN TSATSKIN

Waterloo Mobile: +1 (226) 972-0662
Home Tel: +1 (416) 226-6919
Email: val@valtsatskin.com

Qualifications

- Fluent in Website Development Technologies:
  PHP, HTML5, CSS, Javascript, MySQL, sqlite, Apache, lighttpd
- Learning new website development technologies:
  Ruby, Ruby on Rails, Server-Side Javascript (node.js), nosql
- Adaptive, experimenious and ever-evolving problem solving skills
- Administration of small to mid-sized computer systems (Mac OS X Server, Windows Server)
- Understanding of operating system internals (Mac OS X, Windows, GNU/Linux)
- Experienced in creative software: Adobe Creative Suite, Apple iWork/iLife, Microsoft Office, AutoCAD
- Strong verbal and written communication skills.

Work Experience

Web Developer *Conserval Engineering Inc. (Co-Op) (Feb-July 2011)*

- Extended existing SolarWall (solar air heat collector) monitoring system for added functionality
- Redesigned monitoring user interface for lobby and showcase display
- Collaborated with project engineers, sales team, and clients to satisfy project requirements
- Created algorithm from interpreting data points for rendering in a graphical format
- Observed applications of AutoCAD software
- Learned about solar air heat collector industry and project lifecycle

Computer Systems Administrator *Green Hill Village Academy (2007-2009)*

- Maintained private school¿à²s computer network, infrastructure, workstations and servers
- Utilized Apple server technologies (Xserve and Mac OS X Server).
- Deployed over 40 educational workstations
- Supported and integrated legacy workstations in new workplace environment
- Provided individualized support for teachers and students to use new computing environment.

Projects

Grade Management and Report Card Generator *Cedar Hill Village Academy 2009*

- Designed a web-based mark management software for elementary and secondary school use
- Developed system planning skills and methodology in PHP+MySQL program design
- Gathered and evaluated feedback from users for continuous program refinement

Education

- Candidate for Bachelor of Applied Sciences, 1A Systems Design Engineering, University of Waterloo
  - Digital Computation (C++)
  - Intro to Design (Mechanical Design Process)
  - Graphics (AutoCAD, Drafting)
- CASI Certified Snowboard Instructor (Level 1)

Activities/Interests

- Passionate about and actively experimenting with latest web applications and technologies
- University of Waterloo ResCouncil: Building Representative
- Former Captain of Vaughan Secondary School Ski and Snowboard Race Team