ALI HIRANI

Cell: 647-818-1427 · School Email: a6hirani@uwaterloo.ca · Domain: http://ahirani.me/
Program: Computer Engineering · Student ID #: 20528218

SKILLS SUMMARY

- Solid experience with C#; understanding of object oriented programming principles
- Familiar with command line environments, Linux OS (Debian family), VMware, Windows OS (XP, Vista, 7, 8, Server 2003), Android systems since 2.2, BlackBerry OS and mobile iOS devices
- Knowledge of the Software Development Life Cycle and SQL through info-session and research
- Developing and maintaining a website using HTML and CSS; crafted technical reports using LaTeX
- Exposure to: Python, C, Android app development in Java and various Linux distributions
- Exceptionally capable in troubleshooting software and hardware issues across a variety of platforms
- Competent at task management, adhering to deadlines and expending additional effort as needed

WORK EXPERIENCE

PC Support Specialist, Livingston International (December 2013 - April 2014)

- Responsible for providing internal support to 1000s of employees, in 100+ locations globally, by phone, email and/or in person
- Addressed issues in the following areas: PC (hardware and software), Office 365, BlackBerry device and network, domain and VPN access, printers and MFUs, security account issues etc.
- Acted as monthly team captain which involved: facilitating communication between the IT director and the team, distributing daily team reports, overseeing the flow of over 200 support tickets at a time, allocating tasks to team members and managing crises
- Proven track record in being able to learn and apply several technical operations on a daily basis; proficient in performing several tasks in a concurrent fashion
- Greatly developed interpersonal skills by interacting with management, users and the team

PERSONAL PROJECTS

- **Project Toolkit** - Brought together a team and collaborated, through GitHub, on a console application written in C#, applied OOP principles and implemented data structures.
- **Personal Website** - Continually updating and modifying a personal webpage using HTML and CSS, contains screenshots, links to my projects and a description of my current work.
- **Assembling Computer** - Acquired parts and constructed a desktop computer independently.
- **Technical Report Writing** - Formatted a technical report, regarding Fuel Cell technology, in IEEE and constructed appendices containing calculations using LaTeX (document markup language).

RELEVANT COURSES (IN-PROGRESS)

- **Introduction to Computer Science (Harvard edX):** Focus on object oriented programming fundamentals and programming logic. Languages include C, PHP, JavaScript, SQL, CSS and HTML.
- **Introduction to Linux (Linux Foundation):** Develop a good working knowledge of Linux using both the graphical interface and command line, covers major Linux distribution families.
- **Developing Android Apps (Google):** Build an app in Android Studio and learning proper practices specifically for Android application development.

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VOLUNTEER/ALTERNATE EXPERIENCE

Club President, Initiative for Neuroscience and Dementia Northern Branch (2012-2013)

- Responsible for: holding weekly meetings, coordinating fundraising projects, communicating with I.N.D clubs established at other high schools, member recruitment, appointing leadership roles, task assignment and goal setting
- Achieved valuable leadership experience, and skills in public speaking and time management

Member - Electrical Team, Midnight Sun Solar Race Car Team (2014 - Present)

- Engaged in weekly meetings and gained knowledge of the various components and projects involved with the design of a solar powered vehicle
- Worked with the battery team and performed basic circuit-board operations, gained exposure to Altium (a collaborative circuit design software that uses version control) and soldering

Tutor, Lending Innovative Free Tutoring (LIFT) (2011-2013)

- Travelled to and tutored students in elementary school as part of an afterschool program
- Consistently demonstrated the ability to be punctual and convey knowledge to the students

Page Designer/ General Helper, Northern Secondary School Yearbook Committee (2009-2012)

- Designed and laid out pages for an assigned section within the yearbook
- Displayed versatility in a deadline-run environment and the ability to multitask

FORMAL EDUCATION

Candidate for Bachelor of Applied Science, Computer Engineering, University of Waterloo, ON, Sept. 2013 - Present

Relevant Courses (Completed):

- **Fundamentals of Programming:** Knowledge of object oriented programming principles; C#

Ontario Secondary School Diploma, Gifted Program, Northern Secondary School, Toronto, ON, 2013

ACADEMIC AWARDS

- Entrance Scholarship of Distinction, University of Waterloo, Sept 2013
- Received honours for academic distinction, Northern Secondary School, June 2013
- Gifted Certificate, Northern Secondary School, June 2013 (completed 20 gifted courses)
- Business Certificate, Northern Secondary School, June 2013 (completed 4 business courses)

HOBBIES AND CLUBS

- General Member, Toques for The Impoverished Toronto (2011-2013)
- General Member, Northern Math, Engineering and Sciences Association (2009-2013)
- Passionate about learning and applying computing concepts in a creative fashion
- Very much intrigued by elegant and dynamic UI design for software and web pages
- Informal experience with Photoshop, GIMP and similar photo and video editing tools