

ASHWIN KRISHNAN

ELECTRICAL ENGINEERING STUDENT
UNIVERSITY OF WATERLOO

LOCAL ADDRESS

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PERMANENT ADDRESS

3310, Rue Massenet
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SUMMARY OF SKILLS

```
public static void Main( )  
{  
    bool accepted;  
  
    if( accepted == true )  
    {  
        int Object-Oriented Languages: C#, Java ;  
        int Web-Development Languages: HTML5, CSS, JavaScript(jQuery) ;  
        Operating Systems: Windows Server 2003, 2008 R2, 2012 R2, Windows 95/98/2000/XP, Windows 7, Windows 8/8.1 and Macintosh.  
    }  
}
```

- Ability to troubleshoot under crisis situations and thrives under pressure.
- Energetic, organized individual with excellent leadership skills.
- Diligent learner who picks up concepts quickly
- Proficient in many Indian languages. Limited knowledge of French.

PROJECTS

- **Symantec Antivirus Deployment, Matcor-Matsu group (2014)**
 - Responsible for transition from Kaspersky to Symantec antivirus
 - Setup centralized antivirus manager on a local (Mississauga plant) server.
 - Coordinated with IT teams in US/Mexico plants to update packages to domain pc's.
 - Worked with peers to develop an automated script to uninstall previous versions before updating the antivirus policies.
- **C# Programming Language Projects (2013-Present)**
 - Developed console based applications that use complex algorithms to perform tasks.
Ex: text based games, conversion algorithms, sorting optimization.
 - Working on a windows form application.
- **Fuel Cell Robot Car Competition (2014)**
 - Headed a group responsible for delivering a fully functional mini-car.
 - The car runs on a 2V hydrogen fuel cell.
 - Worked extensively with the electrical/mechanical team designing control systems (RC) and came up with suitable chassis designs to integrate the fuel cell system.
- **Creating a personal E-Portfolio (2014-Present)**
 - Integrating HTML, CSS and JavaScript (jQuery) to make a personal webpage.

TECHNICAL SKILLS

- Practical experience with network administration TCP/IP, DNS, DHCP and VPN.
- Well versed in web development languages like HTML5, CSS and JavaScript (jQuery).
- Solid knowledge of object-oriented programming languages like C# and Java.
- Quick and efficient with operating systems: Windows Server 2003, 2008 R2, 2012 R2, Windows 95/98/2000/XP, Windows 7, Windows 8 and Macintosh.

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- Worked extensively with circuit elements like Resistors, Batteries, Capacitors, Transformers, Diodes, Potentiometers, Fuses.
- Highly experienced with Microsoft Visual Studio, Excel, Word, PowerPoint, Access and Adobe Photoshop.

WORK AND EXPERIENCE

- **System/Network Administrator, Matcor-Matsu Group, Mississauga, January 2nd-April 25th 2014.**
 - Responsible for complete IT and network infrastructure at Mississauga plant.
 - Worked on a project to virtualize certain servers and monitor them using VMware vSphere client
 - Worked with Engineers to troubleshoot complex system-level issues occurring with the robot arms used to design automotive parts.
 - Maintained centralized database system-Active directory management, Updating security policies, documentation on the intranet (internal wiki).
 - Implemented access points/routers around the manufacturing plant to increase networking range to machines for data collection.
 - Commended for technical, problem-solving and communication skills during feedback sessions with boss and President of the company.
- **President, Prakriya Green Wisdom School, Bangalore, 2009-2011.**
 - Representative of the school's student community.
 - Conducted all major events-Dance festivals, Sports days, Annual days and Talent shows.
- **Event Manager, Ding-Dong Cup (1,2,3)-Soccer and Basketball tournament, Bangalore, 2011-2013.**
 - Advertised within the city to attract over 36 teams to participate.
 - Booked suitable venues to conduct the events of the tournament.

EDUCATION

- Candidate for Bachelor of Electrical Engineering, Co-operative program, University of Waterloo, Waterloo, ON- September-2014.
- High School Diploma, Gear Innovative International School- Bangalore, Karnataka, India-March-2013.

EXTRA-CURRICULAR ACTIVITIES

- Soccer/Basketball Team Captain: Captained High school and University intramural sports teams.
- Participated in many wildlife camping trips in high school which required travel to different places in the country.
- Passionate to learn and study about Organic farming, genetically modified foods, global warming and other pressing phenomenon.