

Kristoph Walter Minchau

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OBJECTIVE

To gain a challenging career in Computers, Engineering and Business.

EDUCATION

BACHELOR OF SCIENCE, COMPUTER ENGINEERING (INTERNSHIP)

Expected May 2007

University of Calgary, Alberta, Canada

SKILLS/ABILITIES

COMPUTER SKILLS:

- Programming - C, C++, HTML, SQL, ASP.NET 2.0, Visual Basic.NET, and C#.NET. Very knowledgeable about Microsoft's .NET architecture.
- Software - Proficient in Windows and Linux, Microsoft Office suite, Adobe Photoshop, Acrobat, Illustrator, Macromedia Dreamweaver, and Databases (MS SQL).
- Hardware - Extensive knowledge about hardware, operations & function.

ROBOTICS:

- I have been involved in Robotics for over 7 years.
- 4th Year Individual Design project: "Non-Linear neural network control system for a non-linear flexible robotic joint"
- Built several robots including several Mini sumo's (autonomous robotic "wrestlers"), an autonomous line following robot, and several kits.
- Knowledge about hardware and electronics.
- Fabricated my own circuit boards and assembled both through-hole and surface mount components.

OTHER SKILLS:

- **Strong problem solving skills**, innovative, resourceful and adaptable.
- I strive to continuously learn and improve myself.
- Able to learn new tasks and complex processes very quickly.

WORK EXPERIENCE

INTERNSHIP AT SAIT - BUSINESS AND TOURISM DEPARTMENT (MAY 2005 – SEPT. 2006)

Project Developer, Web, and Database Specialist

- **Researched, designed, built, tested, and implemented a \$160,000 Application Delivery System, consisting of a Citrix farm and VMware Virtual Server environment using HP BL-25p Blade Servers.**
- Administrated and maintained the Business and Tourism department Servers and computer resources.
- Reorganized the Business and Tourism department's Active Directory structure, resulting in a better organized and more secure environment.
- Developed a migration strategy to move over 9,000 shares with student home drives from a file server to a single share on a NAS head.
- Created ASP.NET 2.0 inventory management web sites and pages connected to a MS SQL 2000 database.
- Wrote many documentation manuals.
- Assisted in teaching a few computer classes.

SAIT (MAY 2004 – SEPT. 2004)

Web Specialist

- Created ASP.NET website front end connected to a MS SQL database for user and inventory tracking.
- Re-designed multiple websites to improve efficiency and usability.
- Assisted in providing client side technical support.

**EXTRA CURRICULAR
ACTIVITIES****WESTERN CANADIAN ROBOTICS SOCIETY (2002-PRESENT)**

Active Member and Volunteer

- I regularly volunteer helping organize monthly meetings, from organizing topics to bringing in speakers.
- Re-wrote the entire rule set for the annual Western Canadian Robot Games, and published it.
- Volunteer to help set up and run the Western Canadian Robot Games as well as the First Lego League.

ADVENT LUTHERAN CHURCH (1997-PRESENT)

General Accounting Volunteer

- Counting, sorting, and entering offering into the computer database.
- Focus on trust, responsibility, and confidentiality.

**INTERESTS AND
ACTIVITIES**

- Building Robots.
- Writing.
- Drawing and Photography.
- Composing Music.
- Playing Golf.

REFERENCES

Available Upon Request.