

Christopher G. Ness, B.Eng

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HIGHLIGHTS OF QUALIFICATIONS:

- Knowledgeable in UNIX, GNU/Linux, Mac OS X and Windows
- Self Taught Linux Server Administration (Apache, Postfix, MySQL, PHP)
- Skilled C programmer (4 years)
- Database Design and Implementation
- Familiarity: Java, Perl, Pascal, Python, Haskell, Intel 80x86, and AT&T Assembly

EDUCATION:

McMaster University **Bachelor of Engineering** [September 2000 – April 2005]

- Graduated Spring 2005, Software Engineering Major.
- Lead a team of five students in our final year thesis project class.
- Developed a real time, autonomous robot to clean blockages in a pipe network.
- Experienced a complete software cycle from requirements to maintenance while developing the robot.
- Built and maintained revision control and content management system.

A.N. Myer Secondary **Ontario Secondary School Diploma** [September 1995 – June 2000]

- Ontario Scholar & City of Niagara Falls Achievement Award
- DSBN Gold Medallion
- A. N. Myer Medallion

WORK EXPERIENCE:

McMaster University, Wireless Group [Summer 2005]

System Developer

- Developed a system software binary image for mass replication on solar powered wireless access nodes.
- Kernel configuration and development to build working drivers for the ARM processor, power management was very important.
- Administered the revision control and CMS systems.
- Extended an open source web interface for configuration of individual nodes.

Royal Bank of Canada [Summer 2004]

Technical Systems Analyst (TSA) – Online Services

- Designed and implemented an online banking component that allowed customers to transfer a balance from an external credit source to an approved RBC *Visa* card.

Principles of Programming [SE2S03] Teaching Assistant

- Laboratory assistance and supervision three days per week.
- Provided help and guidance to new users of Sun Solaris and introduced them to the C and Java development environments available.
- Developed detailed solutions to selected problems on assignments.

McMaster Engineering 1 Department

[May 2002 – August 2003]

Data and Statistical Analyst

- Administered a secured GNU/Linux data server which held personal information, student marks and second year selection data.
- Provided services such as email, bugzilla and mailman for users.
- Collected and organized data from the exiting first year class concerning their departmental placements and their experiences in first year.
- Developed an on-line profile for high school students replacing a paper version of the profile which saved the department over a thousand dollars yearly.

McMaster University

[January 2002 – April 2005]

Engineering Design and Graphics [1C03] & C Programming for Engineers [1D04] Teaching Assistant

- Prepared and taught 2 hour lessons every other week, concerning AutoCAD and the engineering design process.
- Attended group meetings with supervisors and peers.
- Responsible for marking of assignments, practical and final examinations.

VOLUNTEER EXPERIENCE:

Director of Information – Canadian Engineering Competition

- Registration information, WiFi cafe and computer maintenance.

Head Delegate – Canadian Software Engineering Undergraduate Conference

- Organized a delegation from McMaster to attend the conference in Montréal.

Faculty of Engineering Welcome Week Representative & Planner

- A member of the Welcome Week Committee for the Faculty of Engineering (2003).
- Assisted in the selection of the team of Welcome Week volunteers (Redsuits).
- Organized transportation for 600 people to an event at Gullivers Conservation Area.

McMaster Engineering Society

- Provided and maintained web and email services for members of the MES.
- Participate in recruiting events to answer prospective students questions.

Canadian Red Cross

- Network troubleshooting and workstation set-up.

OTHER INTERESTS:

- Hockey, slo-pitch and golf.
- Guitar and reading.

References Available Upon Request