

JAVEED SHAIKH

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<http://syscrash.ca>

OBJECTIVE

Seeking an electrical, computer, or software engineering internship, preferably over the summer.

EDUCATION

Honours Electrical Engineering (BEng [U3]), Minor Mathematics. September 2007 – December 2010
McGill University, Montreal.

- GPA: 3.87

Health Science (DEC). May 2007
Vanier College, Montreal.

- R Score: 33.604

EXPERIENCE

Undergraduate Research Assistant (NSERC USRA), Photonic Systems Group, McGill University. May – August 2009

- Worked under Prof. Andrew Kirk in close collaboration with graduate students.
- Developed a boundary element method simulation tool for electromagnetic scattering problems.
- Designed and maintained mask layouts in Design Workshop 2000.

C++ Software Developer, Real Time Measurements Inc. June 2008 – March 2009

- Improved a data analysis application as part of a team.
- Migrated the version control system from Subversion to Git.
- Added several new features; improved stability, usability, and user-friendliness.

Perl Programmer/ Network Technician, Mathematics Department, Vanier College. August 2007 – April 2008

- Created and maintained students lists for WebWork courses (involved parsing of instructor-supplied students lists in a variety of formats).
- Created and maintained WebWork problem sets (written in **TeX** and **Perl**) as requested by instructors.

TECHNICAL SKILLS

Advanced knowledge of:

- **C, C++, Ruby, HTML,** and **CSS.**
- **Linux** system administration (Arch, Debian, and Gentoo).
- The **assembly** and **repair** of personal computers.
- **Git** and **Subversion** version control systems.

Intermediate knowledge of:

- **Javascript, Python, Perl, PHP, Haskell,** and **MIPS** assembly.
- **PostgreSQL** and **MySQL** database systems.

LANGUAGES

- Exceptional command of the **English** language.
- Intermediate knowledge of **French.**
- Conversational knowledge of **Hindi** and **Gujarati.**

HOBBIES AND INTERESTS

- **Participating in the development of liberally-licensed open-source software,** working on personal projects and in teams, almost exclusively under **Linux.**
- **Writing patches for popular projects** such as XMMS2, MPD, GTK, Openbox, and others.