

Resume

Abram Hindle

#206 1670 Fort St. Victoria, B.C. Canada Tel: (250) 721 9066 E-mail: abez@uvic.ca <http://www.abez.ca/>

- **Highlights:**

- **Computer Science:** Working on a Masters in Computers Science under Dr. Daniel German. Bachelors of Computer Science with Honours and Software Engineering Emphasis. Skilled with computer systems and programming. Very proficient with Linux and Unices (Windows/DOS/Solaris as well). Very familiar with programming theory and applications. Skilled with Perl and Java, PHP and SQL (C/C++ as well). Excellent at extracting requirements, generating designs and implementing those designs. Very experienced with web development and networks.

- **Education:**

- **September 2003 - August 2005:** Attended University of Victoria in Victoria, B.C., Masters in Computer Science under the supervision of Dr. Daniel M. German.
- **February 2003:** Accepted into graduate studies at the University Of Victoria, B.C.
- **September 2000 - April 2003:** Attended University of Victoria in Victoria, B.C., Computer Science Honours Program. Received Bachelors of Computer Science with Honours.
- **September 1999 - April 2000:** Attended Malaspina University College in Naniamo, B.C. 1st year Computer Science Program
- **September 1996 - April 1999:** Attended Cowichan Secondary School in Duncan B.C. High School Diploma

- **Work Experience:**

- **September 2004 - Decemeber 2004:** Teaching Assistant for Hypermedia.
- **January 2004 - August 2004:** Lab Leader and Lab Instructor for SENG265. Designed and taught labs.
- **September 2003:** Teaching Assistant for a course about Hypermedia.
- **Summer 2003:** Contract Programmer for Radar/HVAC. (Embedded System for Refridgeration Monitoring)
- **November 2002:** For course projects, created *Abram's Unix Sound System* for Honours Project as well as an extensible experimental Bayesian Spam Filter.
- **April 2002 - August 2002:** Lead Programmer for M2C Merchant Services.
- **April 2001 - August 2001:** Junior programmer at Baremetal Inc. (<http://www.baremetal.com>).
- **September 2000 - April 2001:** Part Time System Administrator for Actadivina (<http://www.actadivina.co> operated by Don Bauer in Langley. Webmaster for Hindle Pontiac Buick, operated by John Hindle in Duncan. Administer online car inventory on two websites. Posted used vehicles descriptions and picture to gminfonet.com and autotrader.com
- **June 1998 - September 2000:** Lead Programmer for Indexdirect (<http://www.indexdirect.com>) operated by Vince Bird in Cobble Hill.
- **June 1995 - September 1998:** Repaired computers at Hi Density Computers in Duncan.

- **Publications and Submissions for Publication:**

- Hindle,A and German D. “Design and Implemenation of Object Oriented Audio Systems for Live Music Performance”. Software: Practice and Experience. Submitted 2004.
- Hindle,A and German D. “A formal model and a query language for source control repositories”. IEEE Transactions on Software Engineering: Special Edition on Mining Software Repositories. Submitted 2004.
- German, D. and Hindle A. Jordan N, “Visualizing the evolution of software using softChange”. Proceedings SEKE 2004 The 16th International Conference on Software Engineering and Knowledge Engineering. 336-341.

- **Presentations and Lectures:**

- **SEKE 2004:** ”Visualizing the evolution of software using softChange”
- **UVic SENG Colliquiom (2004):** ”Visualizing the evolution of software using softChange”
- **Hypermedia:** Audio In Hypermedia Lecture to Dr. German’s 2003 and 2004 Hypermedia classes
- **SENG265:** OOP in Perl as a guest lecture to Dr. M. Zastre’s SENG265.
- **UVic Game Developers Club (2004):** “Game Development in Perl”
- **Perlmongers (2003-2004):** Gave lectures on “C and Perl”, “Game Development in perl”, “Class::Multimethods and WWW::Mechanize”, “OOP in Perl”, “CORBA and Perl”, “Introduction to Recursive Descent Parsers”.
- **Class Presentations (2003-2004):** BANG! Noise in 20th Century, BitTorrent Exploits, BitTorrent, DRM, Collusion and Traitor Detection.

- **Awards:**

- **2004:** Awarded NSERC Canadian Graduate Scholarship
- **2004:** Awarded UVIC’s Graduate President Scholarship
- **2003:** Awarded UVIC’s Graduate President Scholarship
- **2003:** Awarded UVIC’s Graduate Fellowship
- **2002:** Awarded UVIC’s President Scholarship for Full Time Students.
- **2002:** Awarded 3rd Place at the Computer Science Union Code Masters Programming Competition.
- **2001:** Awarded gift certificate by implementing a static file based webserver in java in only 1 hour.
- **1999:** Awarded Malaspina College’s Entrance Scholarship for Incoming Science Students.
- **1999:** Awarded Provincial Scholarship for excellent achievement on Provincial Exams, also awarded all 4 passport to education stickers.

- **Volunteer History:**

- **2004:** Volunteer work time at CFUV the UVIC Campus Radio Station.
- **2004:** Student Volunteer at OOPSLA 2004 (Vancouver)
- **2004:** Gave a guest lecture for UVic Game Development club on game development.
- **2004:** Gave many lectures for the Victoria Perl Mongers.
- **2004:** Acted as Computer Science Course Sys Admin. Held two IBM CodeRulers coding competitions and two Code Masters coding competition.
- **2003-2004:** Attended Computer Science Mentoring Meetings

- **2003:** Acted as Computer Science Course Union President, organized events and appointed people to committees, maintained website.
- **2003:** Object Oriented Perl lecture given to Object Oriented Programming Class.
- **2002:** Acted as Computer Science Course Union SysAdmin, organized events and maintained website.
- **1998:** Art of BBSing article written for Datalink Magazine, Duncan B.C.
- **1998:** Organic Chemistry Howto, free for download available on internet.
- **1995-:** Create and release free software.

- **Personal Skills:**

Able to teach students. Proficient native english speaker. Able to rapidly learn computer related concepts, languages and tasks. Achieves Excellent grades, A to A+ average. Organized .

- **Computer Skills:**

- **Operating Systems:** Highly Proficient with Linux, Solaris, DOS, MacOS, Windows.
- **Software Development:** Developed software using **C**, C++, **Java**, **Perl**, **OCaML**, PHP, Haskell, SQL, Pascal, Eiffel, Smalltalk, Visual Basic, 68HC11.
- **Documentation:** Experience with HTML, \LaTeX , StarOffice and MS Office.
- **Software Engineering Tools:** Proficient with CVS, Make, gprof, Doxygen, gdb, GCC, etc.
- **Paradigms:** Comfortable with **Web Development**, GUI Design, Object Oriented Analysis/Design/Program Software Engineering, Functional Programming, Distributed Objects (CORBA, etc.).
- **Software Processes:** Experience with eXtreme Programming (XP), the Unified Process, Waterfall processes and iterative development.
- **Software Engineering:** Code Inspection, User Testing and Automated Testing experience. Used to program documentation and document maintenance. Can create SRS's, SDD's, Use Cases, UML, some BON.

- **Interests and Hobbies:**

Programming - I am an active member of Victoria.pm (Victoria Perl Mongers) and have given many lectures on Perl. I am also interested in functional languages as applied to Audio.

Music - I create noise music; using software I create, I produce my own music. I have performed my music live to an audience many times.

Computing - Most of my time is devoted to computers. I enjoy using, operating and programming computers. I am very interested in UNIX and Linux related solutions.

Art - I enjoy creating "texture art"; pieces of mixed mediums usually painted with spray paint. I also create some computer art as well as hand drawn visuals.

Math - I enjoy analyzing and looking for patterns in the numbers of everyday life. Observing chaotic (not random) events is a favorite past time.

- **References:**

Great references available upon request.