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| https://phattran.azurewebsites.net  https://github.com/pdtran3k6 | PHAT D. TRAN | (647) 607-4207  pdtran@uwaterloo.ca |
| **Employment** | | |
| **Unix Shell Programmer, Co - op** | **fundserv** | Winter 2016 |
| iChat AV   * Reduced time to render the user’s buddy list by 75% by implementing prediction algorithm. * Implemented iChat integration with OS X Spotlight Search by creating tool which extracts metadata from saved chat transcripts and provides metadata to a system-wide search database. * Redesigned chat file format and implemented backwards compatibility for search. | | |
| **Education** | | |
| **Waterloo, ON** | **University of Waterloo** | **Fall 2000 – May 2005** |
| * M.S.E. in Computer and Information Science, May 2005. GPA: 3.6 * B.S.E. in Computer Science Engineering with Minor in Mathematics, May 2005. In-major GPA: 3.4. * Graduate Coursework: Software Foundations; Computer Architecture; Algorithms; Artificial Intelligence; Comparison of Learning Algorithms; Computational Theory. * Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Engineering Entrepreneurship; Calculus III. | | |
| **Technical Experience** | | |
| **Projects** | | |
| * **Multi-User Drawing Tool** (2004). Electronic classroom where multiple users can view and simultaneously draw on a “chalkboard” with each person’s edits synchronized. C++, MFC * **Synchronized Calendar** (2003 – 2004). Desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users. C#.NET, SQL, XML * **Operating System** (2002). UNIX-style OS with scheduler, file system, text editor and calculator. C | | |
| **Additional Experience and Awards** | | |
| * **Instructor (2003 – 2005):** Taught two full-credit Computer Science courses; average ratings of 4.8 out of 5.0. * **Third Prize, Senior Design Projects:** Awarded 3rd prize for Synchronized Calendar project, out of 100 projects. | | |
| **Languages and Technologies** | | |
| * C++; C; Java; Objective-C; C#.NET; SQL; JavaScript; XSLT; XML (XSD) Schema * Visual Studio; Microsoft SQL Server; Eclipse; XCode; Interface Builder | | |