

RÉSUMÉ

BEHDAD ESFAHBOD

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EDUCATION

- 2003–now** M.Sc. in Computer Science, University of Toronto, Toronto, Ontario, Canada.
2000–2003 B.Sc. in Computer Engineering, Sharif University of Technology, Tehran, Iran.

INTERNATIONAL AWARDS

- 2000** Gold Medal, 12th International Olympiad in Informatics (IOI'2000), Beijing, China.
1999 Silver Medal, 11th International Olympiad in Informatics (IOI'99), Antalya, Turkey.

TECHNICAL SKILLS

Programming Languages

Proficient in C, Python, Java, and POSIX environment. Familiar with C++, Perl, Prolog.

Digital Typography

Proficient in \TeX , \LaTeX , METAFONT and METAPOST programming. Familiar with PostScript and OpenType.

Text Processing

Proficient in using the full power of POSIX and UNIX tools.

Web Development

Proficient in PHP, HTML, XHTML, CSS. Fluent in XML, XSLT and JavaScript.

Environments

Proficient in GNU/Linux and UNIX development and tools. GNOME developer.

EXPERIENCES

- 2000–now** Researcher and senior developer, The FarsiWeb Project. The FarsiWeb Project is a research project working on internationalization and Persian localization of computer systems.
- 2001–now** GNU FriBiDi, an Open Source implementation of The Unicode Bidirectional Algorithm (UAX#9).
- 2000–now** RiRa Persian Digital Library.
- 1998–now** Farsi \TeX , a bilingual (Persian, English) typesetting system based on \LaTeX .
- 2002–now** The Unicode Consortium's technical committee and bidirectional scripts subcommittee member.
- 2003** Squash, design and implementation of a large-scale HTTP gateway and masquerader, Ministry of Education, Iran.
- 2001–now** Several teaching assistant positions. Responsibilities included: giving tutorials, designing and grading problem sets and finals.

PUBLICATIONS AND PRESENTATIONS

- 2004** “Bidirectional Layouts in GTK+”, presented in Desktop Developers Conference.
- 2004** “Persian Computing with Unicode”, presented in Twenty-fifth Internationalization and Unicode Conference by Amir Youssefi.
- 2003** “The Common-Deadline Lazy Bureaucrat Scheduling Problem”, with M. Ghodsi and A. Sharifi, presented in Workshop on Algorithms and Data Structures, published in proceedings of WADS’2003: 59–66, Lecture Notes in Computer Science, Springer-Verlag.
- 2002** “Farsi \TeX , and the Iranian \TeX Community”, with R. Pournader, presented in The \TeX Users Group Annual Conference & Meeting (TUG’2002), published in proceedings of TUG’2002, *TUGboat* **22**:3.
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