

Resume of Miklos Vajna

- Location: Budapest, Hungary, EU
- E-mail: vmiklos at vmiklos.hu

Skills

- Programming languages
 - Very good knowledge: C++, Python, shell script
 - Working experience: C, Java, JavaScript, PHP, Perl
 - Basic working experience: C#, Go, Kotlin, Objective-C, Rust, TypeScript
- Human languages
 - Hungarian (native)
 - English (fluently written, reasonably spoken)
- Operating Systems (programming and administration)
 - Very good knowledge: Linux
 - Basic working experience: macOS, Windows
- Community
 - Member of the TDF Engineering Steering Committee (2013-)
 - Certified LibreOffice Developer (2013-)
 - openSUSE Member (2013-)
 - Member of The Document Foundation (2011-)
 - Experience with maintaining Frugalware Linux, a middle-scale multi-developer open source project (2004-2012)
 - I like to work on open-source projects (portfolio)
- Touch typing
- Driving Licence: “B” category

Professional experience

- Consultant Productivity Senior Software Engineer, Collabora (2013-). A selection of majors LibreOffice / Collabora Online features I worked on:
 - Writer comments on text ranges – and later on images (2012)
 - Writer RTF import/export and DOT export filters (2013)
 - Writer DOCX import/export (drawingML / shape handling) (2014)
 - Tiled editing, the framework for today's Online, Android and iOS editing (2015)
 - Collaborative editing (core part) for Online (2016)
 - Writer EPUB export (2017)
 - ECDSA-based, cross-platform signature verification and signing for ODF, OOXML and PDF (2018)
 - Bottom to top, left to right (btLr) text direction in Writer (2019)
 - New Writer numbering types to improve DOCX support (2020)
 - New gutter margin type in Writer (2021)
 - New inline content controls in Writer (2022)
- LibreOffice developer, SUSE. (2012-2013)
- Student Developer, MTA SZTAKI DSD. Worked on various R&D projects. (part-time, 2004-2011)
- Student Developer, Google Summer of Code. Worked with LibreOffice to improve RTF import, based on the existing Writer OOXML filter. (2011)
- Student Developer, Google Summer of Code. Worked with Go OpenOffice to improve RTF export, based on the existing Writer WW8/OOXML filters. (2010)
- Student Developer, Google Summer of Code. Worked with Swig to add director support for PHP. (2009)
- Student Developer, Google Summer of Code. Worked with Git to make git-merge builtin. (2008)

Education

- Budapest University of Technology and Economics
 - Completed a M.Sc. degree in Computer Engineering, specialization in Dependable System Design (2010-2012)
 - Completed a B.Sc. degree in Computer Engineering, specialization in System Development (2005-2010)