

Carl Worth

Free Software

Cairo **Inventor/Founder** <http://cairographics.org>
Cairo provides an easy-to-use API for high-quality screen/PDF rendering. A core part of every Linux distribution, it has contributions from 300+ developers.

Notmuch **Inventor/Founder** <http://notmuchmail.org>
Notmuch provides a high-performance, search-based email system within the privacy of a local system. Notmuch has contributions from 200+ developers.

Employment

2015-2021 **Director of DevOps**, NIMBIS SERVICES, INC.
Managed a team of 16 engineers doing full-stack web development, using a DevSecOps pipeline to target various security compliance domains. Stack includes Django, Terraform, Ansible, Gitlab CI/CD pipelines, Celery, AWS.

2008-2015 **Graphics Software Engineer**, INTEL CORPORATION
Linux OpenGL stack improvements: GLSL preprocessor, improved Mesa test-suite conformance, developed tools for capture/replay of OpenGL traces.

2004-2008 **Senior Software Engineer**, RED HAT, INC.
Developed and maintained system software for Linux desktop systems including the Cairo graphics library and X-Window-System drivers for Intel GPUs.

2000-2004 **Systems Programmer**, USC, INFORMATION SCIENCES INSTITUTE
Developed software for ad-hoc sensor networks including: ipkg package manager, map-based interfaces on handheld computers, and gesture recognition.

Education

2001 **Masters of Science**, BYU, Electrical Engineering, GPA: 3.9/4.0

2001 **Bachelor of Science**, BYU, Computer Engineering, GPA: 3.9/4.0

Preferred Tools

Languages C, python

Coding git, emacs, gdb

Environments Linux, embedded, cloud

Interests

Mind Logic puzzle author <https://www.gmpuzzles.com/blog/author/cworth/>
NYT crossword <https://www.xwordinfo.com/Crossword?date=3/13/2018>

Body Rock climbing, trail running

Heart Search-and-rescue volunteer, rope rescue technician

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