Egil Möller

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Results

2019: Developed a vessel tracking service using a “mobile land station” approach featuring an embedded linux based NMEA interface box (GeoCloud/ElCheapoAIS).

2019: Developed an OpenGL based window manager for Linux (InfiniteGlass)

2014: Developed a fishing detection ML solution and visualization as part of an international project including Google, SkyTruth and Oceana. The visualization is used to detect over fishing across the globe (globalfishingwatch.org)

2013: Built a web-based mapping tool visualizing the flaring made by oil drilling sites using satellite data (SkyTruth)

2012: Developed a plugin system for Django (appomatic)

2012: Built a GPSd archival and synchronization daemon (AGPSD)

2011: Built a collaborative drawing program with support for large PDF underlays useful in architectural firms (SketchSpace)

2010: Designed a celtic knot inspired font (CurlyHogRunes)

2010: Lead a project on the history of surveillance which was exhibited in the streets of Gothenburg for 6 weeks attracting over 5000 visitors.

2010: Developed a plugin system for a collaborative text editor used in schools, newspapers, political parties, software carpentry etc. (etherpad.org)

2008: Developed a web framework for Python with SQL Alchemy integration (WebWidgets)

2006: Built a network-booting debian based system for school desktops making central maintenance of the machines easier

2000: Created the first graphical boot process for Linux (Aurora)

1997: Built and ran an online school news paper and discussion board

Volunteered at several music festivals in various countries

Experience

2017-	Innovator at Innovation Garage AS
2013-2017	GIS programmer at SkyTruth
2010-2012	Lead dev at Etherpad Foundation
2007-2012	Consultant at FreeCode AS
2006	Programmer at uAnywhere
2002-2005	Programmer at TakeIT
2000-2001	Programmer at Mandrakesoft SA
1999	Programmer at Hern Labs

Education & Courses

Computer Science (120 uni points)
Basic law & IP law (30 uni points)
Machine learning (coursera)

Languages & tools

Python, JavaScript, C, SQL, Cython, Scala, Scheme, Prolog, x86 ASM

Scikit-learn, PostGIS, OpenLayers, WebGL, Django, jQuery, Docker swarm
Numpy, SciPy, Jupyter Notebook, Dask, TensorFlow, Luigi, Apache Beam, Shapely, Dojo, FontForge, InkScape

i2c, SPI, RS232/RS485

Swedish, English, French, German

Interests

Folk dancing, woodworking, sailing, camping, electronics

I strive ...to prove that ethics and professional business are compatible.
...to find generic, reusable solutions to real practical problems and to help the user find out what it really is they need.
...to spread the knowledge of Free Software and increase peoples awareness of issues around software, patents and how that impacts their democratic freedoms.