

Nathan Vander Wilt

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Current Roles

Freelance product developer *March 2012-present*

Project leadership role in design and implementation of software products. Clients include Inquirium, an educational software consultancy, and Meograph, a four-dimensional storytelling startup. R&D into decentralized web apps, open source mapping, public domain datasets.

Room to Think - Treasurer *June 2012-present*

Board member on the Tri-Cities' first coworking space, organized as a not-for-profit collective. Maintain books and accounts payable/receivable, guide future direction of community.

Work History

&yet - Senior Developer, Interim CTO *2010-2012*

Led web/iPhone team for major client in the location tracking and telemetry industry. Researched and developed libraries in support of realtime single-page web apps.

Calf Trail Software - Co-founder *2008-2010*

Designed, developed and supported several independent Mac shareware products. Authored company website and blog. Guided graphic design and iPhone development.

NOAA/NWS, Orion Network Solutions - Subcontractor *2006-2007*

Automated map generation for display of current and static hydrology datasets. Implemented geometry and labeling algorithms in support of basemap generation.

Dordt College Technical Support Services - Workstudy *2003-2006*

Facilitated sound, lighting and projection for twice-weekly chapels. Recorded concerts in auditorium. Operated live video cameras. Stage managed and set up special events.

Inspiration Hills Summer Camp - Videographer/Worship Leader *2004-2005*

Filmed and produced videos on weekly deadlines. Coordinated chapels and led singing. Maintained facility's computer systems.

Major Experience

Speaking: CouchConf World Tour (Portland, Seattle), WhereCampPDX, State of the Map USA

Skills: interaction design, geodata display, algorithm analysis, information modeling

Technologies: HTML5, SVG, WebGL, SQL, XML/XSLT, NoSQL, internet protocols

Libraries: d3.js, Fermata, Polymaps, OpenLayers, OGR/GDAL

Frameworks: CouchDB, node.js, Django, Knockout.js, Cocoa/AppKit

Languages: JavaScript (ES5), Python, Perl, C, C++, Objective-C

Platforms: Unix-like environments, Mac OS X, Apache, nginx, Amazon Web Services

Institutional Education

Bachelor's Degree - General Metaphysics (graduated a year early)

Dordt College, Sioux Center, Iowa (May 2006)

Activities and interests

Reading bound books, writing online essays, balloon aerial photography, music, gardening (and backyard chickens), attending worship, traveling and/or staying home with my wife and sons.