Michael Van Veen

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Experience

Software Engineering Consultant, Self-Employed   Feb 2016 - Present
Currently offering full-stack software engineering consulting services.
Clients/projects include:
- **Growthbot.io**, Principal engineer
- **Terranodo**, Python/GIS software consultant

Backend Software Engineer, Manifest Commerce   Nov 2014 - Feb 2016
Backend software engineer.
- Co-authored and launched rewrite of Manifest's ad platform backend including early alerting and release management.
- Supported and scaled platform from first test ad to over $1M revenue / month and majority of client spend.
- Maintained ad bidding engines and provided system technical support including on-call duties.
- Authored the Facebook Ad API web service layer of new ad platform
- Primary technical resource for client importer onboarding.

Software Engineering Consultant, Self-Employed   Nov 2012 - Nov 2014
Consulted for a variety of consultants. Clients/projects included:
- **Matterport**, Django Consultant (2014)
- **Manifest Commerce**, Client importer consultant (2013-2014)
- **Real Pie Media**, Godofwar.com tech lead (2013)
- **Joystick Interactive**, Google Social Voting App backend dev (2012)

Software Engineer, Getaround   Nov 2010 - Sept 2012,
Full-stack Software Engineer and former intern. Supported early getaround rental engine and web platform as member of early engineering team.
- Primary author on services for event-based emails, couponing, car unlocks. Backend systems were Python 2.5/2.7 on Google App Engine.
- Built and maintained a custom GitHub pull request-based CI platform.
- Co-authored initial web integration test suite with Director of Eng.

Student Intern, Jet Propulsion Laboratory   June 2009 - Sept 2009,
Developed a set of code rule compliance checkers in Python and C++ under the supervision of Dr. Gerard Holzmann in the Laboratory for Reliable Software (LaRS). Code checkers targeted rules defined in the NASA/JPL C coding standard.
- Employed the visitor pattern to create custom static-analysis tooling in Python and bash shell scripting.
- Developed Coverity Extend extensions in C++

Student Intern, Jet Propulsion Laboratory   June 2007 - Sept 2007,
                                                                  June 2008 - Aug 2008

Co-developed a web application which assisted Systems Engineering team in management of command and telemetry dictionaries.

- Developed application frontend. Maintained and updated database backend.

- Extended command/telemetry dictionary importation and exportation processes

- Implemented user permissions and authorization framework hooked up to organization LDAP

Co-founder, Zooomr, Inc.   Oct 2005 - June 2007

Zooomr was a web 2.0 photo sharing application supporting features such as OpenID authentication, mobile upload, geotagging, trackbacks, comments, as well as localization in over 20 languages (now defunct).

Computer Skills		
	<u>Languages:</u>	C, C++, Python, PHP, LaTeX, SQL, HTML, JS , CSS, Golang (beginner)
	<u>Platforms</u>	Linux, UNIX, Mac OS X, Google App Engine, Amazon EC2, Heroku
	<u>APIs</u>	Google, GitHub, Dropbox, Facebook, MailChimp, MixPanel, Twitter to name a few
	<u>Software</u>	vim, git, Adobe Photoshop, Microsoft Office, OpenOffice.org, Apache Web Server, SSHD

Education   **University of California, Davis**   2013

Bachelors of Science
Major: Computer Science

Interests   Music (guitar, percussion, harmonica, ableton), Photography, Cycling, Reading, Camping/Backpacking, Computer Art