

Michael Van Veen

Current Location
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Contact Information
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Experience

Software Engineering Consultant, Self-Employed Feb 2016 - Present
Currently offering full-stack software engineering consulting services.

Current / Previous projects include:

- **Terranodo**, Python/GIS software consultant. Implemented new features, debugged existing celery queue, worked on Docker/Jenkins continuous integration pipeline
- **Growthbot.io**, Principal engineer. Built out Slack bot SaaS product MVP directly with CEO from early ideation and managed design and engineering resources.

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, Zoomr, Inc. Oct 2005 - June 2007
Zoomr 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

Languages: C, C++, Python, PHP, L^AT_EX, SQL, HTML, JS ,
CSS, Golang (beginner)
Platforms Linux, UNIX, Mac OS X, Google App Engine,
Amazon EC2, Heroku
APIs Google, GitHub, Dropbox, Facebook, MailChimp,
MixPanel, Twitter to name a few
Software 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