

Michael Van Veen

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Contact Information

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Experience

Software Engineer, Getaround November 2010 - Current
Backend-focused Software Engineer and former intern.

- Co-developed, refactored, and maintained internal integration server, a JSON API serving the Getaround web application and mobile clients, responsible for rental finding, listing, booking, messaging, and unlocking functionality.
- Developed a GitHub pull request-based automated testing platform.
- Co-developed and maintained integration test suites supporting engineering development.

Student Intern, Jet Propulsion Labs June 2009 - September 2009,
Developed a set of code rule compliance checkers in Python and C++ under the supervision of Gerard Holzmann in the Laboratory for Reliable Software (LaRS).

- Employed the visitor pattern to create static-analysis tools in Python
- Developed Coverity Extend extensions in C++
- ANSI 89 C was targeted

Student Intern, Jet Propulsion Labs June 2007 - September 2007,
June 2008 - August 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 dictionary importation and exportation processes
- Provided a user permissions framework

Co-founder, Zoomr, Inc. October 2005 - June 2007

Co-founded a web-based photo sharing application. Current incarnation is available at <http://www.zoomr.com>.

- Devised and co-developed new features
- Provided and managed customer support
- Authored documentation for web service

Computer Skills

Languages: C, C++, Python, PHP, L^AT_EX, SQL, HTML, JS, CSS
Platforms Linux, UNIX, Mac OS X, Google App Engine, Amazon EC2
APIs GitHub, Dropbox, Facebook, MixPanel
Software vim, git, Adobe Photoshop, Microsoft Office, OpenOffice.org, Apache Web Server, SSHD

