

## Russell T. Tolle

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### Education

#### Utah Valley University [Spring 2017]

Bachelor's of Computer Science

- Extracurricular Activities:
  - Web Development Club, Cycling Club

### Experience

#### Full Stack Engineer - Serverplus [November 2013 - Present]

- Develop Python web application using Pylons framework, SQLAlchemy ORM, Ajax, jQuery+plugins, React, Javascript.
- Updated database architecture from standalone Postgresql server to a three server cluster with streaming replication.
- Test web application systematically and functionally using Nose.
- Integrated Travis-CI for version control driven deployment and testing.
- Maintain BIND9 server used for external DNS, and Windows DNS Server for internal DNS.
- Manage Citrix XenServer 12 virtual machine cluster configured for Hot Standby.
- Maintain Asterisk 11 dialplans to make sure calls route properly
- Trunk with other PBX servers using SIP and IAX
- Manage 40 employee active directory profiles and exchange accounts.
- Update company computers using Windows Group Policy
- Converted all DID(Direct Inward Dial) numbers to SIP or IAX trunks. Reducing Asterisk 11 operating costs by \$1500 per month.

#### Software Engineer Intern - Wavetronix [January 2015 - May 2015]

- Debugged and Refactored C# WinForms application.
- Tagged, labeled, and versioned application using Mercurial.
- Tracked bug fixes, time spent, and development progress using Fogbugz and Kiln.
- Collaborated with coworkers using Scrum methodologies.
- Tested Wavetronix's SmartSensor HD, SmartSensor V, SmartSensor Advanced, Click 650, Click 500, and Click 100 hardware using C# application.
- Ran queries for hardware licensing using LINQ on SQL Server 2011.

### Professional Skills

Languages : Javascript, Python, Autoit, HTML 5, CSS3, C++, C#

Libraries: Pylons, Flask, Django, jQuery, React, Bootstrap, D3.js

Technologies : Postgresql, MySQL, SQL Server, CentOS, OpenSuse, Debian, Windows, Vim, Travis-CI, Nodejs,

Nosetests, Mercurial, SVN, Git

General : Type 80 wpm, MVC Development, Scrum, Agile