

## Employment

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**Student Assistant IT Specialist**      **San Francisco State University**      **Nov 2014 – Present**

- Web development for projects built on Symfony2 framework
- Deployment and automation of development environment using Vagrant
- Apache Jmeter load testing

**Teaching Assistant**      **San Francisco State University**      **Spring 2015**

- Grading papers and assignments (C programming) for class CSC 309: Introduction to Programming

**Pipeline TD**      **Rhythm & Hues Studios**      **Sept 2011 – Mar 2014**

- Developing tools and plugins in a production environment
- Mitigating technical issues and assessing production workflow
- Considerable experience with Python and Perl

**Operations and Render Support**      **Rhythm & Hues Studios**      **Oct 2008 – Aug 2011**

- Primarily a DevOps role, experience with technical support and desktop engineering
- Development and maintenance of tools for production and non-production backup
- CG render management and support

## Education

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**San Francisco, CA**      **San Francisco State University**      **Fall 2014 – Present**

- MS in Computer Science, Spring 2017. GPA: 3.45

## Technical Experience

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### Projects

- **SFSU Class Schedule search** (2016). Front-end development to revamp the University class schedule. A Symfony2 project using jQuery, HTML5 and CSS3 technologies. Demo: [sfsu.edu/online/clssch.htm](http://sfsu.edu/online/clssch.htm)
- **mUzima: Expanded Cohort and Delta Synchronization** (2016). An **OpenMRS.org** project to improve data synchronization on Android client **mUzima.org**
- **Pictachio** (Fall 2015). An Android gallery app to view photos and videos.
- **Atmospheres** (Spring 2015). Worked on AngularJS to showcase MVC architecture.
- **Train Operating System** (Spring 2015). A tiny OS built using existing APIs. Developed a C application that interfaced with a model train.
- **Surrealty** (Fall 2014). An online application to list real-estate properties using the LAMP stack.
- **Money Tracker** (Fall 2014). A Ruby on Rails project inspired by Splitwise.

## Languages and Technologies

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- Java/Android, Python, Perl, C, JavaScript, HTML5, CSS3
- jQuery, Bootstrap, Symfony2, Spring, Hibernate, Liquibase, Ruby on Rails
- Apache Jmeter

## Publications and Contributions

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- **Watcheta**, a Pebble watchface: [apps.getpebble.com/applications/5568e8d314bc604f05000062](https://apps.getpebble.com/applications/5568e8d314bc604f05000062)

## Additional Information

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- [github.com/vshl](https://github.com/vshl)

- [linkedin.com/in/vishalrshankar](https://www.linkedin.com/in/vishalrshankar)