
Employment

Student Assistant IT Specialist San Francisco State University Nov 2014 – Aug 2017

- Front-end Web development for projects built on Symfony2 PHP framework
- Deployment and automation of development environment using Docker, Vagrant and PuPHPet
- Apache Jmeter front-end load testing

Pipeline TD Rhythm & Hues Studios Sept 2011 – Mar 2014

- VFX production pipeline development and technical support
- Python and Perl development and scripting of tools and plugins

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

- DevOps, Studio-wide Technical Support, Linux System Administration
- Render management, Archival and Backup of production and non-production data
- Bash, Perl, Python scripting of tools

Education

San Francisco, CA San Francisco State University 2014 – 2017

- MS in Computer Science. GPA: 3.45

Technical Experience & Skills

Open source contributions

- **mUzima and OpenMRS** (2017) - Android and Java Web Developer
 - Used OpenMRS REST API to improve data synchronization of Android client mUzima
 - <https://github.com/muzima/muzima-android/tree/expanded-cohort-someday>
 - <https://github.com/openmrs/openmrs-core/commit/9ae34fc55b87d25c9ce20967cafc926ba8cb0571>
 - Android, Java, Spring, Hibernate, Liquibase, Maven, Apache Lucene, REST, Gradle

Android development

- **Pictachio** (2015) - Android Developer
 - Android gallery app to view photos and videos
 - External libraries used: Ion, PhotoView
 - <https://github.com/vshl/Pictachio>
 - Android, Java, Gradle

Web development

- **SFSU Class Schedule Search** (2016) - Symfony2 - <http://sfsu.edu/online/clssch.htm>
- **Atmospheres** (2015) - AngularJS, Python - <https://github.com/eshlefest/atmospheres>
- **Surrealty** (2014) - LAMP, AWS, JavaScript, Bootstrap, Google Maps API - <https://github.com/vshl/Surrealty>

Publications

- **Watcheta**, a Pebble watchface: apps.getpebble.com/applications/5568e8d314bc604f05000062
- **Pictachio**, an Android gallery app to view photos and videos
 - <https://play.google.com/store/apps/details?id=me.vshl.apps.pictachio>