

Employment

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

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

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

- VFX Pipeline production development and technical support driven by Linux, Perl and Python technologies
- Assessing and implementing production workflows by developing proprietary tools and plugins for the production pipeline

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

- DevOps with technical support and Linux desktop engineering
- Troubleshooting user, system and network issues across the studio
- Perl and Python development and operation of tools for production and non-production backup and restore
- CG render queue management and support

Education

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

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

Technical Experience

Projects

- **mUzima Android client** (2017). An **OpenMRS.org** project to improve data synchronization on Android client **mUzima.org** using the REST payload for a Java, Spring, Hibernate, Liquibase project
- **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
- **Pictachio** (Fall 2015). An Android gallery app to view photos and videos.
- **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

- Java/Android, Python, Perl, C, JavaScript, HTML5, CSS3
- jQuery, Bootstrap, Symfony2, Spring, Hibernate, Liquibase, Apache Jmeter
- GNU/Linux, MacOS, Git, Subversion

Publications and Contributions

- **Watcheta**, a Pebble watchface: apps.getpebble.com/applications/5568e8d314bc604f05000062