San Francisco, CA 94132

Vishal Ravi Shankar

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Employment

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

San Francisco, CA   **San Francisco State University**   **Fall 2014 – Present**
- MS in Computer Science, Spring 2017. GPA: 3.45

Technical Experience

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

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