**Mark Stanford**

**Summary**

**Encore Software Services,** 2025 Gateway Place, Suite 290 San Jose CA 95110 | Tel: (408) 573-7337 | Fax: (408) 573-7010 | www.**encoress**.com

I’m an Android Developer and Python Developer. With Android I have experience from AOSP through NDK to UI. I have created a couple backends with Spring/Hibernate when needed. I have python scripts using uWSGI and flask in production.

**Experience**

**Android Developer, Reliable Coders**

**Sunnyvale, CA — 2014-Present**

I am a Lead Android Developer. I also fill in as a Java Backend Developer. I lead a team of 6 developers. I assist sales teams in estimates for all Android projects. I have worked on site with major clients such as Verizon. I have excelled at rapid prototyping and proof of concept projects.

Projects

Verizon vCam and Connected Home.

 Connected home projects including video streaming, sensor networks, NAS, cloud based storage, media dongles, media servers and connected home appliances.

 Spring/Hibernate

 Nginx

 Python

 Postgres

 OpenCV

 Video streaming using RTMPS and HL

**●** UCSF Dementia Watch Launcher

 A launcher for patients with dementia.

 Basic features are:

**■** Calendar and alerts.

**■** Dialer, phone overlay.

**■** Text messager.

**■** Cognitive games.

**■** Device state(GPS, battery, signal strength) updates to server.

**●** Smirk

 Photo surprise app which gives a score on how surprised the “victim” is.

 Created .gif view.

 Created photo loop logic.

 Countless hours lost trying to get the camera preview screen to play nice with the .gif view.

**●** Selfie Surprise

 Selfie image manipulation app.

 Oversaw team of 2 Android developers.

**●** Trending

 App for getting metrics on public opinion.

 Wrote the boilerplate for network calls using Volley.

 Wrote network code for multipart form uploads.

 Assisted team of 2 android developers.

**●** Mood Meter

 App that tracks a user's mood.

 Created custom animation to transform 100 squares into 100 circles.

 Custom views for displaying shapes and behavior when selected

 Parse backend.

**●** NFL Fantasy Football

 Draft portion of the app.

 Worked on the websockets part of network calls.

 Integrated Otto message bus throughout the app.

 Draft UI.

**●** moBack

 Parse clone.

 Created the network image view.

**Android Developer, Covent Systems**

**San Ramon, CA — 2013-2014**

Contracted Android developer.

***Projects:***

**●** R3 Test Tool

 Code coverage tool for mobile apps.

 Wrote the UI.

**●** SimpleR Whiteboard

 Whiteboard app.

**●** SimpleR Storybook(Unpublished)

 App for children to write short stories and draw/insert images.

**●** Aphex Audio Xciter

 Music player with Aphex DSP

 Used FFMPEG SDL stack heavily borrowed from Dolphin player.

**●** Aphex Audio Xciter AOSP build

 Custom AOSP build.

 Altered AudioFlinger to allow global audio effects.

 Added Aphex DSP to LVM Bundle.

 Wrote app to drive the DSP.

**Android Developer, QA Tester, Cetecom GmbH**

**Milpitas, CA — 2012-2013**

Software QA. Android developer on internal projects.

***Skills:***

**●** Wifi certification tester.

**●** Bluetooth certification tester.

**●** Ford Sync tester.

**●** Mobile software QA

**●** Web QA and penetration tester.

**●** Selenium testing.

**●** Internal Android projects such as automated testing using robotium.

**Education**

**San Jose State University**

**B.S. Computer Science — 2009-2012**

Post-bacc at SJSU.

**San Jose State University**

**B.A. Music Technology — 2004-2009**

Music Technology degree. I worked with the following software Max/MSP, PureData, Kyma, Logic, Protools, Sibelius, FInale. I focused on creating interactive music that would interact with performers based on pitch, volume/transients, tempo, rhythm, harmony and patterns.