

# MADHAV CHHURA

DEVELOPER • DESIGNER • US CITIZEN

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<http://madhavchhura.com/>

## SKILLS

- Java, Objective-C, Swift, C++, CSS, HTML, JavaScript, Python, MySQL, Hadoop, MapReduce, Crypto++.
- Photoshop, Illustrator, Sketch, SketchUp, InDesign.

## EXPERIENCE

### TOKBOX/TELEFONICA, MOBILE DEVELOPER – PRESENT

- Build OpenTok SDK Android-UI Sample Application.
- Implementation of an application to transmit pre-recorded data to OpenTok Sessions.
- Implementation of an application to receive the pre-recorded data from OpenTok Session on OTKIT based library.
- Conceptualized, designed, and developed mobile sample applications using TokBox's SDK.
- Use existing tools to assess automatically and objectively media quality.
- Integration of the applications and tools in the OpenTok quality framework.
- Execution and analysis on the defined use case.

### TOKBOX/TELEFONICA, MOBILE DEVELOPER – SUMMER 2014

- Conceptualized, designed, and developed mobile sample applications using TokBox's SDK.
- Added new features to the TokBox's Android SDK.
- Performed Benchmarking and Profiling on Android and iOS applications, tested the functionality, audio & video quality.
- Coordinated with Business Analysts and Developers to analyze and organize results.
- Created, maintained and executed automation test scripts to perform Quality tests.
- Developed test plans, test cases and scenarios based on business requirement specifications and design documents.
- Provided technical support on the forum and stack overflow.
- Presented my analysis and findings for the Benchmarking and Profiling.

## PROJECTS

- **ParseStore** - An open-source Parse + Stripe powered android application that lets you order Parse goodies.
- **AnyPic** - An example Android app for phone-based user accounts with Twilio + Parse.
- **OpenTokRTC** - is a Android app, which highlights best practices use of OpenTok platform on Android OS.
- **Transnado** - is a Chrome extension that allows users to translate message they are typing in any language with shortcut.
- **VideoFly** - is a android video calling application which enables you to stay in a video call while using other applications.
- **ParkMe** - android app which can display available parking spots and even give directions to the wanted parking spot.
- **DishFinder** - using ImageRecognition and Yelps API, is app that finds the popular dishes on Yelp for a given restaurant.
- **4Stones** - an elegant 5x5 4-in-a-row Tic-Tac-Toe game with a custom highly efficient non-tree-based AI algorithm.

## EDUCATION

CALIFORNIA STATE POLYTECHNIC UNIVERSITY OF POMONA

COMPUTER SCIENCE, MINOR MATHEMATICS

CLASS OF 2015 – 3.80 GPA

- **Academic Projects:** Notepad Clone, Navigation System, One-time password system, Black Jack, Craps, RedBlackTree.
- **Courses:** Data Structures, Computer Organization & Machine Language, Operating Systems, Software Engineering.