





CONTACT

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AWARDS

- Stitch**
3rd Place at LA Hacks 2016
- Lighthouse**
Best Mobile Hack at HackSC
- BrainSpace VR**
Top 4 Featured Hacks at CalHacks 2.0
- Future Without Borders**
Best Use of IBM Bluemix by IBM at SDHacks
Most Entrepreneurially Viable Hack by Perkins Coie at SDHacks
Hack That Best Connects Us by Viasat at SDHacks
Most Innovative Award by Facebook at ACM Hacker Expo 2015
Individuals Impacted by IBM at Bluemixathon

I SPEAK

- C/C++
- Swift
- Python
- Java
- BASH/Shell Scripting
- Javascript/WebGL
- HTML/CSS
- Verilog

SOFTWARE

- Xcode
- Sketch
- Vim
- Microsoft Visual Studio
- Android Studio

SKILLS

Linux, Designer, Guitarist,
Team player, Leader, Dedicated
Tutor/Mentor, World Traveller

JAHAN KURUVILLA CHERIAN

EDUCATION

University of California, Los Angeles
B.S Computer Science
GPA: 3.73

WORK EXPERIENCE

- Autodesk** SWE Intern
June '16 - Present
Working on Fabric - a project to make AutoCAD platform agnostic
 - Wrote a platform abstraction layer for disk persistence amongst iOS in Objective-C and amongst WinRT systems in C++/CX.
 - Created an IPC protocol using serialization of Whip calls through protobuf in C++.
 - Going to create an RPC API through gRPC in C++ using protobuf as the IDL.

TOP PROJECTS

- Lighthouse - Co - founder and iOS Engineer**
Guiding the world to a safer place with the click of a button
 - Created networking API using Alamofire in Swift to communicate with our server in Ruby on Rails.
 - Built the entire mapping and tracking functionality using Apple's CoreLocation services and Google Maps iOS SDK.
 - Built custom views using CoreGraphics and custom extensions of UIKit.
 - Built TodayExtension to provide ease of access button on the lock screen.
 - Re-vamping the application to become the default dialer app, creating the UI/UX in Sketch and implementing the functionality in Swift.

Stitch - Co - founder and iOS Engineer

- Putting artistic Artificial Intelligence into the hands of everyone
- Developed the iOS networking API with AWS using Alamofire, to push and get images to a Node server.
 - Implemented the neural style Convolutional Neural Network within the AWS server to generate the artistic image on a powerful GPU.

Future Without Borders - Co - founder and iOS Engineer

- Connecting refugees for a better future
- Built out the functionality in Swift for iOS using Parse and Facebook's SDK, MapKit SDK, Stripe and Paypal SDK for donations and regex's for form control.

BrainSpace VR - Co - founder and Engineer

- Experience the human brain like never before
- Scraped the web using the BeautifulSoup library in Python to gather automated data of the brain from medical sites for display in Oculus.
 - Used C# within Unity with the Muse and Myo API's to connect the Muse headband and Myo armband for user interactivity with the brain.

EXTRA-CURRICULARS

- Tutoring Chair for Tau Beta Pi**
Dec '15 - Present
 - Create tutoring schedules, manage all the tutors, host events and tutor within the STEM field at UCLA.
- Tutoring Committee for Upsilon Pi Epsilon**
Jan '16 - Present
 - Host midterm and final review sessions for Computer Science classes, specializing in computer architecture, data structures and algorithms and operating systems.
- Frontend Developer for Daily Bruin**
Jan '16 - Present
 - Work with AngularJS and REACT to create beautiful websites for student run media at UCLA.