JAHAN KURUVILLA CHERIAN

Director of LA Hacks, President of UCLA DevX, Entrepreneurship Chair of UPE, Former Tutoring Chair for UPE and TBP, and PM for Creative Labs

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EDUCATION

University of California, Los Angeles
Expected June '18

B.S Computer Science

GPA: 3.80

WORK EXPERIENCE

Uber - SWE Intern
June '17 - Current

- Creating a SDK for mobile compute device lab for improving mobile infrastructure.
- Writing Go services for abstracting large scale third party APIs for improving developer experience in mobile deployment.
- Writing a Kafka event producer and consumer for differential triggers on Phabricator
- Writing a build notification system with auto retries and metrics collecting for developer build feedback in Java

Autodesk - SWE Intern
June '16 - Sep '16

- Created a serialization mechanism to package a large number of low level calls within AutoCAD, using custom JSON packaging.
- Wrote an IPC mechanism in C++ to be able to extensibly transfer the calls at high speeds and efficiency.
- Extended my serialization project into a library used for unit testing purposes for further Research and Development.

TOP PROJECTS

Pomily - Co-Founder and CTO
Social Commerce for the beauty and makeup industry

- Wrote a scripts to import hundreds of thousands of products from Amazon using the Product Advertising API into custom ecommerce PostgreSQL DB.
- Created AJAX pipeline through actions for user posting of image and video content.
- Architected majority of social networking actions such as comments, notifications, user accounts through Devise and a customized Spree Engine.
- Created custom mailer actions for automated emailing.

Quotebook - Founder, Designer and iOS Engineer
Memories through quotes of loved ones

- Wrote data storage mechanisms utilizing Core Data in Swift for various models in MVC architecture of iOS application.
- Created custom views, animations and functionality by extending UIKit and Foundation libraries.
- Created powerful search tied in with a beautiful design for optimal user experience in cherishing memories through quotes.

BruinScope - PM and Backend Engineer
Sharing interview experiences for the benefit of all Bruins

- Architected monolith Ruby on Rails application with MVC.
- Image uploading and editing features created by extending Carrierwave, with caching in Amazon S3 storage.
- Utilizing large scale PostgreSQL DB for user data, and company scraped data.
- Wrote AJAX controller actions for post creation, viewing and more.
- Lead team of 3 other engineers to build a beautiful social platform.

AWARDS

Stitch - iOS app
3rd Place at LA Hacks 2016

Lighthouse - iOS app
Best Mobile Hack at HackSC

BrainSpace VR - Oculus + Myo + Muse
Top 4 Featured Hacks at CalHacks 2.0

Future Without Borders - iOS app
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
Go
Java
Ruby
Bash
HTML5/XML/LaTeX
Lisp/Scheme
CSS/SCSS
Javascript/Coffeescript
SQL
Prolog

FRAMEWORKS + SOFTWARE

Rails, Vim, Xcode, Git, Sketch, PostgreSQL, MySQL, SQLite, Node.js, Express, React, MongoDB, Phabricator, Android Studio, Microsoft Visual Studio, jQuery, WebGL, Docker, Vagrant, AWS, Heroku, Apache Hadoop

SKILLS

Git Master, Unix Enthusiast, Designer, Guitarist, Team player, Leader, Dedicated Tutor/Mentor, World Traveller