JAHAN KURUVILLA CHERIAN

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EDUCATION

University of California, Los Angeles – Computer Science B.S.   Oct '14 – June '18
GPA 3.84
Relevant Coursework: Introductory Computer Science, Data Structures

Dubai English Speaking College   Jan '10 – June '14
GCSE: (9A*'s and 1 A); GCE: Mathematics (A*), Chemistry (A*), Physics (A), Further Mathematics (A)

SKILLS

Computer Languages: C++, Swift, C, HTML, CSS, JavaScript, Python, C#, Shell scripting
Software: XCode, Microsoft Visual Studios, Vim, Unity
Operating Systems: Mac OSX, Linux, Microsoft Windows (8.1)
Multilingual: English, Hindi

PERSONAL PROJECTS

LightHouse – Co-founder and iOS engineer – Best Mobile Hack at HackSC 2015
Summary: Built the frontend and functionality of this iOS application that aims to provide immediate help for disastrous situations through the use of SOS messages that link with law enforcement and family members. I worked on building most of the functionality in Swift using Parse, FBSDK, MapKit, Today Extensions and implementing form control.
BrainSpace VR - Co-founder and engineer - Top 4 Featured Hacks at CalHacks 2.0
Summary: Built a 3-D rendering of the brain in Unity, I used Python to web scrape data on the human brain, presented the model in an immersive environment through Oculus, Myo and used Muse Headband to feed live EEG data into the environment, thus impacting the education and medical application space.
Future Without Borders - Co-founder and iOS engineer - Winner of the Best use of IBM Bluemix API, Most Entrepreneurially Promising Hack by Perkins Coie and Hack that Best Connects Us by Viasat at SDHacks.
Summary: Created an iOS and text based application to provide sheltering aid to Syrian Refugees in Europe. Built the front end to back end communication with Parse, built part of the UI and setup the MapKit interface and Login interface. The team used IBM's Bluemix, Twilio and Parse to host the data and allow for text messaging services.

EXPERIENCE

Santa Monica Boys and Girls Club – Volunteer   01/15 – 03/15
Summary: Tutored middle school to high school children in all subjects, while facilitating activities to entertain the children.
Paradigm – CEO and Co–founder   09/13 – 06/14
Summary: Built a company to sell school jackets in Dubai, spoke at Zayed University in the U.A.E. about entrepreneurship to the Ministry of Education in Dubai (KHDA).
LV Prasad Eye Institute – Research Assistant   08/13 – 09/13
Summary: Researched the effects of cognitive load on pupil dilation. Used MATLab to communicate data between the MiniBeast Mongoose and the computers.
Inter University Particle Accelerator – Research Assistant   03/13 – 04/13
Summary: Ran the control room for the Electrostatic Tandem Accelerator to guide heavy ion beams into the LINAC.

HONORS/ACTIVITIES/INTERESTS

Candidate for Tau Beta Pi and Upsilon Pi Epsilon at UCLA.
Member of Association of Computation and Machinery (ACM) at UCLA.
Member of Bruin App Builders at UCLA.
Created personal website to showcase my projects using HTML and CSS.
Interested in entrepreneurship and engaging in building for new technologies such as Oculus, Myo and Muse.
Ready to dive into projects and learn skills on the fly as demonstrated by my regular activity with MLH Hackathons.
Heavily geared to helping others through community outreach and tutoring services.