Rahul Ranjan

91-9819737113   rahul.rrixe@gmail.com   http://rudrakos.com   Bangalore, IN

@RahulRRixe   github/rahulrrixe

Education

Indian Institute of Information Technology, Allahabad   JULY 2011 - MAY 2015
Information Technology, CGPA 8.5/10

Technical Skills

Languages and Technologies: Python, Swift (and IOS SDK) , OpenCV, C/C++, Unity3D, HTML5, CSS and SQL

Research Experience

HUMAN COMPUTER INTERACTION INSTITUTE   JUNE 2014 - JULY 2014
CARNEGIE MELLON UNIVERSITY, PITTSBURGH

Designed and developed a game to help international teaching assistants and students adapt to American classroom culture.

INTERNSHIP FOR TECHNOLOGY SUPPORTED EDUCATION (IPTSE)   DECEMBER 2013
CARNEGIE MELLON UNIVERSITY, BANGALORE

Developed an educational 3D game that helps k-12 students learn about medicinal values of plants and their scientific names.

MIT MEDIA LAB   AUG 2014 - DEC 2014
MASSACHUSETTS INSTITUTE OF TECHNOLOGY, REMOTE

Developed a mobile app for accurately tracking patient's location in a hospital and predict their next location.

Technical Experience

COURSE MANAGER   DEC 2015 - CURRENT
UDACITY, (SF, BANGALORE)

Work closely with students enrolled in Udacity's Full Stack Web Development Nanodegree.
The role of a Course Manager (CM) is essentially a teacher's assistant with responsibilities ranging from content creation to video chats with students to writing code for in-house tools.

IOS DEVELOPER   SEPT 2015 - NOV 2015
TINYOWL , MUMBAI

Engineer for TinyOwl's mobile team with a focus on product development for TinyOwl's universal iOS app. Currently developing a iOS SDK for analytic platform.

TECHNOLOGY STACK DEVELOPER   DEC 2014 - SEPT 2015
THE WALT DISNEY COMPANY, MUMBAI

Developed an iOS app along with its REST API on backend for a digital news magazine.

Built a focussed web crawler and its data-processing pipeline for automatic scrapping of articles and regular updating of knowledge graph using Bayesian probabilistic model.

SOFTWARE DEVELOPER   APRIL 2014 - JUNE 2014
GOOGLE SUMMER OF CODE (APACHE SOFTWARE FOUNDATION) , REMOTE

Developed a command line interface to take advantage of Libcloud REST API to provide shell based interaction for various cloud provider.

Selected Publication

Balancing the trade-off between privacy and profitability in Social Media FEB 2013

R Ranjan, Charul, D Vyas, D Prasad , 4th IEEE International Advance Computing Conference (Acceptance rate 30.2%)

Open Source

FEDORA

- Tahrir (Fedora Badges): Implemented feature for flashing notification messages on user actions.
- Fresque (Fedora Review Server)*: Added git backend using libgit2 python wrapper pygit2.*

MOZILLA FOUNDATION

- Mozregression*: Fixed various related to downloading nightly builds of firefox.*
- Releng API: Implemented logger for logging database queries.

Workshops

DESIGN AND INNOVATION WORKSHOP JAN 2015
MIT MEDIA LAB, GANDHINAGAR
DESIGN AND INNOVATION WORKSHOP FEB 2014
MIT MEDIA LAB, MUMBAI
NATIONAL WORKSHOP ON CRYPTOGRAPHY JUNE 2013
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD

Awards & Achievements

Academic Excellence award for best project in Mobile Technology, IIIT Allahabad Nov 2013
Best Undergraduate Researcher, IIIT Allahabad Aug 2013

Position of Responsibility

GeekHaven, Technical Club JAN 2013-JAN 2014
Indian Institute of Information Technology, Allahabad

References

AMY OGAN
Assistant Professor of Computer Science
Carnegie Mellon University, Pittsburgh
aeo@cs.cmu.edu

OM PRAKASH VYAS
Professor of Computer Science
Indian Institute of Information Technology, Allahabad
opvyas@iiita.ac.in