

Jayanth Chandra

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EDUCATION

R.V COLLEGE OF ENGINEERING

BE IN COMPUTER SCIENCE

May 2017 | Bangalore, IN

Cum. GPA: 8.7 / 10

LINKS

Website://jchandra.io

Github://jayanthchandra

LinkedIn://jayanthchandra

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Operating Systems

Computer Networks

Database Systems

Artificial Intelligence

Computer Graphics + Practicum

Unix Tools and Scripting

SKILLS

PROGRAMMING

Python • Javascript • Java • C++

Shell • C • HTML/CSS • PHP

TOOLS/Frameworks

Flask • NodeJS • Angular • MongoDB

Django • Git • Android • MySQL/SQLite

Ansible • Jenkins • HaProxy • Nginx

Serverless • DynamoDB

PROJECTS

- Service Monitoring Extension for Openstack
- Crop-Yield prediction using Boosted Decision Tree Regression
- Software Defined Networking Simulation and Security
- Vendor Management Platform using OpenLDAP services
- Virtual Online Photo Gallery using Kinect

EXPERIENCE

NIRA | SOFTWARE ENGINEER

July 2018 - Present | Bangalore, IN

- Designed and Integrated Complete Banking process with the system.
- Implemented dashboard and server packages for Internal operational uses.
- Monitoring and Managing of Product Workflows ensuring smooth process from the end users.

SIGTUPLE | COMPUTER SCIENTIST

Dec 2016 – July 2018 | Bangalore, IN

- Research on Colour Agnosticism and Normalisation in Medical Images across capture device.
- Part of Android team, Developed app for IoT which is used for automated smart microscopy, which ultimately led to filing a patent for the technique.
- Part of Platform Development team, worked on the Machine Learning pipeline modules and design which led to filing a Patent for the system design.
- Module owner of a Reporting Engine which handles the complete cycle of Machine Learning Process from Data Registration to Report Management.

JOOMLA, FOSSASIA | GOOGLE SUMMER OF CODE

Oct 2015 – Feb 2017

- Worked on Joomla Integration and Mentor during Joomla Bug Squash.
- Contributor for FOSSASIA query server.

RESEARCH

CISCO | RESEARCH INTERN

Aug. 2014 – Oct. 2014 and May. 2015 – Jul. 2015 | Bangalore, IN

Worked with Cisco Cloud Computing Team to research on VM provisioning on Openstack and Performance evaluation on Containers vs Baremetals.

R.V RESEARCH LAB | HEAD UNDERGRADUATE RESEARCHER

Aug 2014 – May 2017 | Bangalore, IN

Worked under Prof.Prapulla and Prof. Jyothi Shetty on Wireless Sensor Networks and Cloud Computing. Led research on Mobile Agents Itinerary and IOT integration with the cloud.

PUBLICATIONS

- Multi Mobile Agent Itinerary planning using FNFNNN Technique.
- Empirical Performance Evaluation of Container, Openstack and Baremetal server.
- Mobile agent data security using Triple Data Encryption Standard.
- Customized Dashboard for VM Provisioning and Service Assurance using OpenStack.

ACTIVITIES

- StatZilla Hackathon - Best Hack.
- Codeathon by GrabHouse - Best Virtual Reality Hack.
- HackIndia - (India Premier Hackathon) - Best API integration.
- Software Dev Team for Vyoma, UAV Club at RVCE,2013