Ashrith Sheshan

www.ashrith.in
Phone: (+91) – 9900250914
ashrith.sheshan@gmail.com

No. 81, Ashraya, 7th Main, Vinayaka Nagar,
IAF Yelahanka Post, Bangalore – 560063

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Work Experience

Nutanix - Member of Technical Staff -3
(July 2015 - Present)
- Developed enterprise level scalable web applications with exceptional User Experience.
- One of the first Super Hero Award winners.

Intern – Centre for Development of Advanced Computing (C-DAC)
(June 2014 – Sept 2014)
- Contributed in improving UX by designing simple interfaced application.
- Authored an Artificial Intelligence plugin to group users with similar interests with ML based learning.

Intern – Schneider Electric
(Jun 2013 – Sept 2013)
- Developed a Visual Studio Extension for their Human Machine Interface Engine.

Publications

Mysore, A. S., Yaligar.. Ashrith Sheshan, Sup.. et al. **"Investigating the Wisdom of Crowds at Scale",** 28th Annual ACM Symposium on User Interface Software & Technology**. (link)**

Ashrith Sheshan**..,** Jyothi S Nayak **"A Study on Real-time Object Tracking in Distributed Networks",** Vol. 15 Issue 05 of International Journal of Computer Science & Management Studies. (link)

Education

Bachelor of Engineering (2011 - 2015)
Computer Science and Engineering
BMS College of Engineering
Cumulative GPA: **9.29/10**

Class 12th CBSE (2011)
Kendriya Vidyalaya AFS Yelahanka
Percentage – **94.3** (Physics, Chemistry, and Mathematics)

Class 10th CBSE (2009)
Kendriya Vidyalaya AFS Yelahanka
Percentage – **95.8**

Research Interests

Artificial Intelligence, Machine learning, Data Science, Computer Vision, Human Computer Interaction

Key Projects

Smart Environment Monitoring System (sensorsmonitor.com)
- Real-time smart monitoring and optimization engine.
- Awarded second best Innovation at ARM Tech Symposia – 2013.
- Presented at IET South Asia Regional Finals of 'Present around the World' conference.
- Adopted by a startup accelerator and being considered for manufacturing in bulk.

Domain: IoT, Artificial intelligence, UX Design and Development

Wisdom of Crowds – Aspiring Researcher Challenge(wisdomofcrowds.stanford.edu)
- Research involved designing an online game that systematically investigates the wisdom of crowds effect.
- Co-authored work in progress paper that got accepted in ACM UIST'15.

Domain: Data Science, Crowdsource

Key Projects (contd.)

Stanford Scholar (scholar.stanford.edu)
- Participated in making research more accessible and collaborative by creating research talks.
- Directly Responsible Individual(DRI) for the pilot effort launched.
- Received highest number of peer acknowledgements for my efforts in Python course.

Real-time Object Tracking
- Research on how to leverage distributed camera networks to track object movement.
- Developed simulations of object tracking algorithms on various network models.
- Co-authored a survey paper at a culmination of undergraduate final year research.

Domain: Python, Networking, OpenCV

Hitchhike
- An Android application for carpooling which optimizes finding regular cab mates by matching workplaces and time or travel with an intuitive user interface to find new partner to hitchhike.
- Represented the college at IBM The Great Mind Challenge - 2013.

Domain: Android, UX, Php, MySQL

Programming Skills

System: C, C++, Java, Python
Web: Django, PHP, HTML5, CSS, JS, AngularJS, EXTJS.
Databases: MySQL, MongoDB

Extra-Curricular Achievements

- President of Protocol (Student body of the Department of Computer Science at BMSCE).
- Winner of national level JP Morgan Code for Good Hackathon 2014.
- Coordinator for Tech Team BMSCE.
- Speaker at various IEEE Computer Society workshops across colleges in Bangalore.
- Event coordinator for Coding and Debugging contest at UTSAV (The biggest College Fest in Bangalore).