Ashrith Sheshan

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EDUCATION

M.S. in Computer Science
UC San Diego
Sept 2017 - Jan 2019 (Expected)
Courses – Principles of AI, Operating Systems, Recommender Systems & Web Mining

B.E. in Computer Science
BMS College of Engineering
Sept 2011 - May 2015
Cum. GPA: 9.3 / 10.0
Courses – Artificial Intelligence, Analysis and Design of Algorithms, Data Structures, Operating Systems, Computer Networks, Cryptography etc.

SKILLS

Programming:
Python • C++ • Java • C • C#
Databases:
MongoDB • MySQL • sqllite
Technologies:
Docker • Virtualization • Linux
Android • Design Patterns
Web:
Django • REST • PHP • ORM • D3
HTML5 • JS • CSS • jQuery • EXTJS

PUBLICATIONS

[1] A. S. Mysore, V. S. Yaligar, I. A. I. .., A. Sheshan, and S. S. et al. Investigating the wisdom of crowds at scale. 28th Annual ACM Symposium on UIST, 2015.

[2] A. Sheshan, A. Rawat, A. K, and J. S. Nayak. A study on real-time object tracking in distributed networks. Vol. 15 Issue 05 of International Journal of Computer Science and Management Studies, 2015.

EXPERIENCE

NUTANIX

Member of Technical Staff - 4 | Jul 2015 – Jul 2017

- Primary developer and architect of NuCloud - a cloud platform for deploying and orchestrating workloads on Docker containers running on AOS hypervisor.
- Proposed and developed a prototype of the interactive network visualization component for Nutanix OS which allows controlling both physical and virtual network elements in a datacenter.
- Designed and developed multiple data visualization UI components using D3.js.

MTS Intern | Jan 2015 – Jun 2015

- Developed an enterprise grade resource management webservice with a minimal UI contributing as a full stack developer.
- Authored multiple plugins for collecting metrics from VMs, Hypervisors etc.

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Intern | Jun 2014 – Sept 2014

- Authored a recommender engine for matching academicians with similar research interests while working as a full stack application developer.

SCHNEIDER ELECTRIC

Software Development Intern | Jun 2013 – Sept 2013

- Developed a Visual Studio Extension for supporting intelliSense feature on Human Machine Interface Engine.

KEY RESEARCH & PROJECTS

Stanford Scholar | Jun 2016 - Present
Developed research talks on seminal papers while being Super Directly Responsible Individual(DRI) in an effort to make research more accessible.

Wisdom of Crowds | July 2014- Sept 2015
Contributed to research involving design of an online game that systematically investigates the wisdom of crowds effect under Dr. Sharad Goel from Stanford University.

Smart Environment Monitoring System - IOT | 2014 - 2015
Real-time smart monitoring engine that got adopted by a startup accelerator. Presented the idea at the Finals of IET South Asia Regional conference.

Real-time Object Tracking | 2014-2015
Research on leveraging distributed camera networks to track a subject. Developed a prototype simulating the research with Python and OpenCV.

AWARDS

2016 Nutanix Engineering SuperHero. (First Recipient)
2016 Most Innovative Project at Nutanix Hackathon 3.0.
2015 Nutanix Tiger Award for outstanding contributions as Intern.
2015 One of best three undergrad projects in Computer Science at BMSCE.
2014 Winner at JPMorgan Chase Code for Good Hackathon.
2013 Second Best Innovation at ARM Tech Symposia