

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.

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 of the product.

KEY RESEARCH & PROJECTS

SMART ENVIRONMENT MONITORING SYSTEM - IOT

Real-time smart monitoring engine that got adopted by a startup accelerator. Presented the idea at the Finals of IET South Asia Regional conference.

WISDOM OF CROWDS

Contributed to research involving design of an online game that systematically investigates the wisdom of crowds effect under Dr. Sharad Goel from Stanford University.

STANFORD SCHOLAR

Developed research talks on seminal papers while being Super Directly Responsible Individual(DRI) in an effort to make research more accessible.

REAL-TIME OBJECT TRACKING

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