

Raghav Shankar

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EDUCATION

PURDUE UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2015 | West Lafayette, IN

Conc. in Software Engineering, Systems Engineering

College of Science

Dean's List (Semesters 4,5,6)

Cum. GPA: 3.72 / 4.0

Class Ranking: 90th percentile

COURSEWORK

UNDERGRADUATE

Distributed Systems

Operating Systems

Computer Networks

Software Testing

Compilers

Algorithms

SKILLS

PROGRAMMING

Proficient:

Java • C

Familiar:

C++ • JavaScript • jQuery • Android

• node.js • \LaTeX • Express • Jade

OPERATING SYSTEMS

Unix • Windows

LEADERSHIP

VICE PRESIDENT, ACM SPECIAL

INTEREST GROUP FOR MOBILE

APPLICATIONS | FALL 2013 - FALL

2014

RESEARCH INTERESTS

Distributed Systems • Cloud

Computing

TEACHING ASSISTANT

Software Engineering • Software

Testing

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEERING INTERN

Expected May 2015 – August 2015 | Redmond, WA

- Working on the Office Online team.

MICROSOFT | SOFTWARE ENGINEERING INTERN

May 2014 – Aug 2014 | Redmond, WA

- Developed a framework for implementing A/B testing within Microsoft Office client applications.
- Developed a cloud service using node.js on Microsoft Azure to store flighting information.
- Implemented a core library which enables Office clients to communicate with the service.

QUALCOMM | SOFTWARE ENGINEERING INTERN

May 2013 – August 2013 | San Diego, CA

- Worked in a team to develop a framework to measure the stability of Snapdragon processors.
- Utilized the Android SDK to implement GPS, FTP and Connectivity features.
- Programmed with the Android NDK to test different modem subsystems.

LOADOUT TECHNOLOGIES | MOBILE DEVELOPMENT INTERN

May 2012 – August 2012 | West Lafayette, IN

- Developed a radio network station Android application.
- Developed a social network application where users can share data about their agricultural production.

RESEARCH

DEPENDABLE COMPUTING SYSTEMS LAB | RESEARCH ASSISTANT

Aug 2013 – Present | West Lafayette, IN

Worked with researchers to create MAVIS, a framework to monitor cloud infrastructure activities using Mobile devices. Publication submitted.

ASIA/MCCAT PROJECT | UNDERGRADUATE RESEARCHER

May 2014 – Present | West Lafayette, IN

Contributing towards the development of a publish-subscribe framework to reduce network utilization of clustering applications deployed in cloud environments.

AWARDS

2014	Best Fresher Award	Dependable Computing Systems Research Lab
2014	Kunze Scholarship	Purdue Computer Science Scholarships
2013	top 10/500	Qualcomm IdeaQuest Competition
2013	6 th /50	Microsoft Hackathon, Purdue
2012	2 nd /10	Google Programming Competition
2011	1 st /100	We Wow You Competition

TEACHING

TEACHING ASSISTANT Jan 2014 - Present | Purdue University

Worked as a Teaching Assistant for the Software Engineering and Software Testing classes.

SOFTWARE TESTING COURSE Jan 2014 - May 2014 | Purdue University

Created course slides for mobile application testing, by reading a variety of journal and conference papers to understand current trends.

SOFTWARE ENGINEERING COURSE Aug 2013 - Dec 2013 | Purdue University

Conducted student surveys and interviewed students to get a detailed understanding of their experience taking the Software Engineering class. Analyzed the results and provided feedback to the professor regarding improvements that could be made to the course.