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OBJECTIVE: Computer science graduate student at Arizona state university with 2+ years of professional experience in end-to-end software development. Seeking 2016 summer internship and Full time opportunities as a software Engineer.

EDUCATION

Master of Science, Computer Science **Aug 2015 – (exp)Dec 2016**
Arizona State University, AZ **GPA – 4.0/4**
Coursework: Advanced Operating system, Web Programming, Compiler Design, Machine Learning, Mobile Computing

Bachelor of Engineering, Information Science and Engineering **Sept 2009 – Jun 2013**
Sri Jayachamarajendra College Of Engineering, Mysore, India **GPA – 3.7/4**

WORK EXPERIENCE

Member of Technical staff – 2 **VMware** **July 2013 – August 2015**
Project – VMware Horizon View

- Developed the User Session management module of the product. Developed features in Application remoting, Session management and Authentication
- Debugged and fixed bugs in the User Session management module.
- Resolved multiple customers' issues by actively getting involved with the on-site support team.
- Programmed on areas involving windows internals, Operating system concepts, Windows debugging using WinDbg and visual studio
- Designed and developed a web application 'Interactive WinDbg' using python and HTML, which delivers a desktop over HTML with all the data loaded for WinDbg debugging.

Spot Award for Extraordinary performance in product development of 'Interactive WinDbg', 2015, VMware.

Member of Technical Staff- Intern **VMware** **Apr 2013 – Jun 2013**

- Programmed python scripts and Regex pattern matching code in the development Log analysis tool 'VMware Log insight' which parses the logs from customers and identifies the problematic areas.
- All the code was reviewed, perfected and pushed to production

ACADEMIC PROJECTS

Advanced Operating System: Journal file system implementation **Oct 2015 – Dec 2015**

- Implemented 'All or nothing ' and 'Before and after' atomicity in file system simulation in C.
- Handled multithreaded environment and have introduced fault tolerant techniques.

Hadoop MapReduce: Pattern recognition in distributed network Project **Aug 2015 – Oct 2015**

- Developed MapReduce algorithm for pattern recognition in python.
- Achieved faster and efficient results compared to other distributed computing system.

Compiler Design: Compiler Implementation **Aug 2015 – Nov 2015**

- Designed the grammar rules and type checking using hindley milner type inference.
- Implemented recursive descent parser by calculating first and follow sets and developed end-to-end compiler.

Distributed content retriever on network file system **Jan 2013 –June 2013**

- Coordinated a team of 3 in development of this project. Achieved Recursive directory index searching within the systems in Local Area Network using the Gopher protocol.
- Resulted in a faster search within the LAN.

TECHNICAL SKILLS

Intermediate : Java, C, C++, Python, CSS, JavaScript, HTML, MySQL, VC++, Shell Programming
Basic : WinDbg, Microsoft Access, Mongo DB
Tools : GitHub, Perforce , Putty , Eclipse, Visual Studio, Apache Tomcat, VMware Vcenter Server, MS office

COMMUNITY SERVICE

StepUp for India: Organizer/Volunteer **Aug 2015 – Mar 2015**

- Year-long volunteers driven project targeting to teach English to 4th grade kids in 'Arekere Government School'
- Took the initiative of planning the whole program and coordinating among volunteers. At the end of 2 terms, children who were not able to recognize English letters were able to read and comprehend simple sentences