# Adith Sudhakar

Sunnyvale, California

## Education

- **North Carolina State University** — Raleigh, NC
  *Master of Science in Computer Science; GPA:3.9/4.0* — *Aug. 2011 – Dec. 2012*

- **Madras Institute of Technology** — Chennai, India
  *Bachelor of Engineering; GPA:9.0/10.0* — *Jul. 2006 – May 2010*

## Experience

- **VMware** — Palo Alto, CA
  *Sr. Member of Technical Staff* — *Nov 2015 – Present*
  - Helping various teams design, implement and test secure software
  - Perform manual security testing on several VMware software
  - Developed a framework for security test automation for products following a rapid delivery model

  *Member of Technical Staff* — *Feb 2013 – Nov 2015*
  - Member of the central security engineering team of that caters to the entire product line within VMware
  - Guided the vCloud Air team to design and implement secure software
  - Conducted a training session on Fuzzing (Nov 2014) to over 40 participants
  - Responsible for triaging, reproducing and helping developers fix software vulnerabilities

- **Cigital** — Sterling, VA
  *Software Security Consultant Intern* — *May. 2012 – Aug. 2012*
  - Conducted vulnerability assessment and penetration test for a leading anti-virus software manufacturer
  - Mobile Security - Android Vulnerability Analysis
    * Developed script to automate Android reverse engineering and vulnerability assessment
  - Awarded first prize for the 'best threat model' at the Cigital Tech Fair 2012

- **Cognizant Technology Solutions** — Chennai, India
  *Programmer Analyst* — *Jun. 2010 – Jun. 2011*
  - DataStage Programmer- Aetna Healthcare (AET)
  - Project Management-Worked in all the stages of the SDLC - analysis, design ,coding and unit testing with documentation in every stage
  - Developed code/script to reduce manual unit testing saving 50% time in resolving QA issues

## Skills

**Technologies:** C, Java, bash Python, Ruby (beginner), C# (beginner), JavaScript, HTML, mySQL, wireshark, Fortify ,Unix Shell Scripting, gdb, git, afl-fuzz, Peach, metasploit, Jenkins, Threat Modeling

**OS:** Linux, Windows

## Achievements

*MS15-045*   Windows Journal Code Execution Vulnerability - CVE-2015-1695, CVE-2015-1698

*MSRC Top 100*   Listed as #59 in the Mircrosoft's list of top 100 Security researchers

*Google Security Hall of Fame*   Found and reported a bug in Gmail, Google Calendar

*Misc.*   Found and reported bugs to EMC, MassDrop, Zimbra. Contributed to OWASP wiki