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TUSHAR DADLANI

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EMPLOYMENT

Graduate Research Assistant — **Carnegie Mellon University Silicon Valley** — **August 2013 – Present**

- Detect and prevent distributed denial of service attacks on a Long Term Evolution (LTE) network

Member of Technical Staff — **Coriolis Technologies** — **July 2011 – June 2013**

- Created a customized build system for OpenIndiana from a variety of source code repositories.
- Implemented a secure logging mechanism to be able to analyze remote system crashes on OpenIndiana.
- Implemented a XEN port of an existing KVM based lab management solution.
- Implemented an iSCSI based customized remote desktop solution which serves layered network based disk.
- Automated Beowulf cluster setup in a virtual environment to aid learning of OpenMPI.

Software Engineer, Intern — **RSA – Security division of EMC^2** — **January 2011 – June 2011**

- Created an Android application to provide federated identity on the mobile device.
- Created a jabber based game to study attacker mindset and understand advanced persistent threats better.

EDUCATION

Mountain View, CA — **Carnegie Mellon University** — **August 2013 – Present**

- Masters in Software Engineering.
- Graduate Coursework: Foundations of Software Engineering, Requirements Engineering, Software Architecture and Design

Manipal, india — **Manipal University** — **August 2007 – July 2011**

- Bachelors in Computer Science and Engineering

Languages and Technologies

- C, Python, Java, Bash, Ruby on Rails, Django, Virtualization.