Chaitanya Vadrevu

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Objective

To secure an internship or co-op in Summer 2015

Work History

Samsung R&D Institute India – Bangalore

Senior Software Engineer   *Apr 2014 – Jul 2014*

Software Engineer   *Jan 2012 – Apr 2014*

- Linux device driver developer for Android devices in Systems Software team
- Fixed critical issues in 30+ models including the flagship Galaxy S series models
- Worked with hardware R&D teams, chipset vendor, peripheral vendors to debug and fix issues
- Developed a tool to graphically analyze code flow
- Developed a tool to aid in debugging touchscreen issues. Tool currently being extended for team wide adoption
- Developed scripts for Perforce to help automate many manual tasks
- Identified need for automatic chipset pin configurations and developed a driver for the same

Gameloft SA

Jr. *Game Programmer*   *Dec 2011 – Jan 2012*

- Worked on stabilizing J2ME and Android games on different handsets
- Fixed porting issues on popular titles such as *Sonic the Hedgehog, Gangstar Rio, Tintin*

Indian Oil Corporation Limited

Operations Officer   *Jul 2010 – Jun 2011*

- Oversaw implementation of *Vehicle Tracking System, SMS based indenting system*
- Implemented ISO 9001:2008 standard processes and obtained certification

Education

Texas A&M University – College Station

Master of Science in Computer Science   *2016*

- Courses - Compiler Design, Digital Image, Software Engineering

Jawaharlal Nehru Technological University Hyderabad College of Engineering

B.Tech in Electrical and Electronics Engineering   *2010*

- 81.55% ≈ 3.83/4.0
- Project on Power Quality Analysis through Artificial Neural Networks

Personal Projects

- Developed *Ball bouncer* a game based on the popular game *Breakout*
- Developed a download manager capable of spawning multiple downloads. Supports ability to pause/resume downloads
- Developed an Intranet Chat Client which enables messaging among computers on a LAN. Supports automatic server discovery
- Developed a simple webserver which can serve text, html, flv, mpeg, jpeg format files from a folder

Volunteering activities

- Developed website, quizzing software, posters for Pragnya 2kd - a college annual technical event
- Promoted environmental awareness through *National Service Scheme*