Tejasvi Ravi

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EDUCATION

University of Massachusetts - Amherst, MA   *May 2019 (Expected)*
M.Sc. in Computer Science
- → *Courses*: Systems for Data Science, Applied Information Retrieval and Computer Vision.

PES Institute of Technology - Bangalore, India   *May 2015*
B.Tech in Computer Science - 3.77 CGPA

WORK EXPERIENCE

Member of Technical Staff 2 (SDE2) RnD, VMware - Bangalore, India   *July 2015 - Aug 2017*
- → Developed policy based storage management framework using Java for vCenter.
- → Prototyped and demonstrated container management using Python on multi-cloud.
- → Filed for a *patent* (under review) internally, which predicted system failures for vCenter and recommended ways to avoid them.

Software Development Intern, Juniper Networks - Bangalore, India   *Summer 2015*
- → Built an Android application to request and manage approvals like PTO, salary change etc.

Co-Founder, TagAlong - Bangalore, India   *Summer 2014*
- → Co-founded an dynamic ride sharing/ ride hailing application called TagAlong, incubated in *MIT Global Startup 2014.*
- → Designed and developed the Android application.

Student Developer, Google Summer of Code - Bangalore, India   *Summer 2013*
- → Developed code for Tahrir project under Freenet project organization, implementing microblogs, user profiles and communication amongst users in java.

PROJECTS

Quality of Service on Greenplum
- → With the aim to improve the query latencies of Greenplum database, we assigned priorities to queries and manipulated the resources to associated processes, resulting in an 80% and 10% decrease in response time for high priority users and low priority users respectively.
- → Awarded the best capstone project under "Technology impact" (out of 70) in PESIT 2015.

Code Plagiarism Detector
- → Led a team of 15 students to design, develop, test and present this software engineering project which detected plagiarism in code written in C.
- → Wrote code for front-end of the service using HTML/CSS/Javascript.

Customer Service ChatBot
- → Built command line chatbot which could answer user questions regarding mobile phones as part of natural language processing elective in PESIT.

TECHNICAL SKILLS

Java, Python, C, P4V, Git, Android, Matlab, HTML/CSS/Javascript, Maven.

EXTRACURRICULARS
- → Founded and led Entrepreneurship Club at PESIT; hosted flagship event having 200 plus participants and raised $5000 from Reliance, Github etc.
- → CS social committee chair at University of Massachusetts.
- → Won Best Project Award (out of 40 other new college graduate projects) and best market potential award at VMware hackathons.