

PRASAD KAVERI

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EDUCATION

University of Maryland, College Park

Dec 17

Master of Science, Telecommunications Engineering

GPA: **4.0/4.0**

Technical Coursework: Network Programming, Network and Protocols, Cyber Security, Cellular Communication Networks

Management Coursework: Economics of telecommunications, Strategic Management in Telecommunications

University of Mumbai, India

June 15

Bachelor of Engineering, Electronics and Telecommunications Engineering

Related Coursework: Computer Communication Networks, Data Compression & Encryption, Java, C, Mobile Comm., Wireless Networks, Digital Communication

TECHNICAL SKILLS

Tools & Software: Drupal CMS, Quality Center, Jira, Eclipse, Visual Studio, MATLAB, WinAVR, Eagle software

Programming & Computer Skills: Python, Java, C, HTML, Microsoft office Suite, Assembly Language Programming

PROFESSIONAL EXPERIENCE

Johnson & Johnson, Ethicon Division, India

June 16

Marketing & Business Development Intern

- Documented the various treatments on Infertility segment and estimated the Indian infertility market size to be worth approximately USD 11.2 billion
- Developed an engagement module on infertility and designed procedure focused kits for J&J's obstetrics/gynecology clients to improve market share in the suture segment by at least USD 34 million

Tech Mahindra, India

Aug 15

Associate Software Engineer

- Learned different technologies by pairing with experienced engineers
- Involved in documenting QA procedures using the MS Office suite
- Used Quality Center and JIRA for bug tracking and for the management of test documentation

ACADEMIC PROJECTS

University of Maryland, College Park

Simulation of a 3-Sectored Base Station using Python

May 16

- Implemented a Python application which simulated the downlink behavior of a 3-sectored base station along a road
- Calculated metrics such as Propagation Loss, Shadowing, Fading and EIRP off Boresight to determine which sector offered the strongest Received Signal Level
- Computed statistics such as number of users serviced, completed calls, calls dropped and calls handed-off in each sector

V.E.S.I.T, University of Mumbai

Four Way Density Based Traffic Control System with Advanced Monitoring Techniques

Dec 14

- Estimated a reduction potential for real-time traffic duration by 33.33%
- Published a research paper in the International Journal of Application or Innovation in Engineering & Management, an International open access journal. (Link: <http://www.ijaiem.org/Volume4Issue3/IJAIEM-2015-03-31-94.pdf>)

Arduino Based Shadow Alarm with GSM

March 14

- Designed a shadow alarm using Arduino which shoots an alert SMS using GSM 300 module
- Published a paper in the 'Journal of Emerging Technologies and Innovative Research', an International open access journal. (Link: <http://www.jetir.org/papers/JETIR1508004.pdf>)

VOLUNTEERING & EXTRACURRICULARS

- Volunteered for 'Chant4Change' at Lincoln Memorial, a **philanthropic** event which was attended by over 1000 people and aimed at spreading peace, unity and harmony
- Active volunteer at an animal NGO named: In Defense of Animals (IDA-INDIA)

University of Maryland

Jan 16-present

- Telecommunications Students Alumni Network (TSAN) – Student Member
- Graduate Student Government (GSG) - Telecommunications department representative
- Active member at Bhakti Vedanta Club for Culture & Education at UMD– Organizing workshops on lifestyle management

Indian Society for Technical Education, Student Chapter, India

2012-15

- B.E. Core Committee, senior year- Organized industrial trips, sponsorship and managed finances
- Student Coordinator, sophomore year- Organized and managed events for 650 students

Praxis, V.E.S Institute of Technology, Mumbai

2012-14

- Core committee member, senior year- Organized the inter-college technical festival which was attended by over 500 students
- Resources Module Head, junior year - Responsible for strategic allocation of scarce resources needed for event execution