UTKARSHA DEVKAR

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Objective: Dynamic, result-oriented Information Management Masters student seeking an Internship position that would allow me apply my Research and Data Analytics skills.

Education

Masters of Science in Information Management   *Expected May 2017*
University of Maryland, College park.   GPA: 3.66/4
Bachelor of Engineering, Electronics and Telecommunication   *Aug 2010-May 2014*
University of Pune, India   GPA: 3.9/4

Technical: Database-Oracle (9i); Languages- HTML, Flex, MATLAB, JAVA, C, R Programming; Servers- Tomcat, Apache.
Lead Author of two technical papers published in International Journal of Science, Engineering and Technology Research in 2014.
Languages: German- Levels A1 and A2 from 'Goethe Institut', Pune.

Relevant Course Work

Data Analytics for Information Professionals, Human –Computer Interactions Design Methods, Information Environments, Economics of International Telecommunications.

Professional Profile

Research Assistant- Keeping Kids Safe: Understanding Kids' Mental Models of Online Safety on Mobile Devices
University of Maryland   *March 2016- May 2016*
Assisting in research on what first to fifth graders perceive as "online safety", how they currently navigate mobile privacy and security risks and what strategies they employ to keep "safe" on their mobile devices. This includes data collection and analysis along with design of mobile interface cues to better support kids navigating privacy and security hazards on their mobile devices.

Applications Developer for 'Workbench' application   *Aug 2014-Jun 2015*
iNautix Technologies-A Bank of New York Mellon Company   Pune, India
• Released two award winning technical product enhancements for retrieving finalized ERISA reports with added powerful data analytic features in addition to current PDF format
• Developed and tested the key enhancements of company website using knowledge of SQL, core Java, HTML and Microsoft Excel
• Collaborated with teams split across India and USA and achieved a successful handover from vendors –Wipro and Cognizant.

Intern   *Jun–Jul 2013*
Bharat Electronics Limited (BEL)   Pune, India
• Studied 'Laser Range Finder (LRF)' product of the Electro-optics department
• Researched and worked on device modules: sighting optics, transmitter, receiver and range processing electronic modules, currently used by army for ranging and illuminating the target
• Conducted quality assurance of product by short and long range testing of the device.

Projects

Analysis of Global Terrorism Database – University of Maryland   *Jan 2016-Present*
• Aimed at determining any possible association between the region, type of attack and the number of people killed.
• Implemented data cleaning and filtering techniques using Excel
• Identified parameters and performed statistical tests to derive relations using R programming
• Worked as a team-member to successfully fulfill the requirements and determine results.

Virtual Observatory of Innovation Communities and Ecosystems (VOICE) –Volunteer   *Jan 2016-Present*
• Project aims to collect, connect and curate large datasets from multiple sources on the people, groups, and organizations engaging with multiple innovations with focus on Big Data
• Successfully implemented data collection techniques to create database comprising of Big Data platforms
• Employed data science techniques to process and analyze these datasets using BigML and Blockspring.

"Human Health Status Monitoring and Prediction"- *University of Pune, India. Awarded 3rd place out of 40 Projects.*   *2014*
• The project helps a person measure his pulse rate and body temperature at any viable time with the help of the handheld device, having a powerful database
• Researched, designed and tested Atmega16-Microcontroller based system, by performing signal conditioning on the sensor outputs to send accurate digital input to Atmega16 and
• Automated the health database system to provide disease predictions on timely basis.

Extra-Curricular Activities:

• National Level Badminton player and represented University of Maryland for National Competitions (Runner-Up DC Open) *2016*
• Volunteer Experience: Children Future India and Save the Bees Campaign-Mary PIRG College Park   *2016 to present*
• Successfully held the post of 'Treasurer' of IEEE Committee of Engineering College   *Jun 2012-Jun 2013*