

Nishant Suresh

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CAREER PROFILE

Aim to work in a competitive work environment where I can utilize my expertise in technical skills and hands-on experience, towards the development and implementation of the new ideas, contributing to growth of the organization.

TECHNICAL SKILLS

Programming Languages: Python, SQL, PHP, C#, HTML5, CSS3, JavaScript, R, D3, PL/SQL, Vega-Lite, AJAX, Bootstrap
Operating Systems : Linux Server-RedHat, ESXI Linux server, Windows
Databases : MS-SQL 2012, Dell PowerEdge servers (VRTX, Chassis), Oracle 10g, MySQL
Tools : SCCM, Eclipse, GitLab, GitHub, Tableau, WEKA, Chimera, OpenRefine, Wrangler, VB
Frameworks : MVC, ASP.Net, TortoiseSVN

ACADEMIC PROFILE

Master of Science in Computer Science, Old Dominion University, Norfolk, VA (**GPA: 3.58**) August 2017
Bachelor of Engineering in Information Science, Visvesvaraya Technological University, India (**GPA: 3.34**) June 2014

WORK EXPERIENCE

Software Engineer – Dell India R & D Center (August 2014 – December 2015) – Bangalore, India.

My Roles and Responsibilities - Manual & Automation Testing, assisting in test planning/estimation activities, and test strategies, logging of defects in agile methodologies, creating and managing database of automation results. Hands-on experience with feature, sanity, functional and compatibility testing, scalability, regression and performance testing.

- **Project 1** - Dell Lifecycle Controller Integration (DLCI) for Microsoft System Center Configuration Manager (SCCM) 2012, 2012 SP1 and 2012 R2.

- **Project 2** - Dell Server Deployment Pack (DSDP) 3.0 for Microsoft System Center Configuration Manager. It configures server's Dell Remote Access Controller (DRAC), integrated DRAC, RAID, and BIOS using INI files and Command Line Interface (CLI) options.

Graduate Research Assistant (May 2016 – August 2016) - Old Dominion University, Norfolk, VA

Developed and maintained 'Class Quiz app' using Android and 'Class Quiz Portal' using PHP, HTML, CSS and JavaScript, which is used to create and evaluate quizzes given to students. Worked on projects like "Aggression Detection" using Image processing and developed android application.

Graduate Teaching Assistant (Jan 2016 – Present) - Old Dominion University, Norfolk, VA

Worked extensively on the Course Portal (Web Application) which is based on MVC framework. Instructing CS121 course in Computer Science Department, assist professor in delivering lectures to about 200 students. Manage hands-on sessions to teach students to use tools like MS Office, SharePoint and EndNote.

RELATED EXPERIENCE

Data Visualization course project using HTML, JavaScript and D3 for visualization. A system, which can be used by a University to conveniently create visual reports, related to admissions and course information for each department helping them to improvise and add value to their courses. Codebase: <https://github.com/nsure001/Information-Visualization-Project>

Aggression Detection – Research project. An android voice-recognition system, which helps in sensing human emotions by calculating pulse rate. This is achieved by using wearable or mobile devices. Also, worked on Image Processing for facial recognition system, which detects human emotions.

Bioinformatics project – "Reduced representation of a Protein Structure". Design and Implementation of different algorithms to reduce the representation of protein structures. This was achieved using Python and Chimera tool. Codebase: <https://github.com/nsure001/BioInformatics-Project>

Undergraduate Final Project - "Fast Transmission to Remote Cooperative Groups" (Jan 2014 – June 2014), which is a new key management paradigm that reduces computation overhead and communication cost in the process of preventing an intruder from extracting any useful information from the transmitted messages.