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EDUCATION

Stony Brook, NY	Stony Brook University	Expected graduation - Dec 2017

• Masters in Computer and Information Sciences – Fall'16.
• Courses: Operating Systems, Analysis of algorithms, Artificial Intelligence, Machine Learning, Visualization.

Pune, INDIA	College of Engineering, Pune	July 2011 – May 2015

• Bachelor of Technology in Information Technology, May 2015. GPA: 8.05/10
• Undergraduate Coursework: Cloud Computing & Big Data, Algorithms & Complexity, Data Structures and Algorithms, Systems Programming and OS, DBMS, Advance DBMS.

Addition Online Courses	Coursera	Aug 2015 – Jan 2016

• Machine Learning by Andrew Ng - Stanford University, Introduction to Big Data Analytics – UC San Diego

EMPLOYMENT

Software Engineer	Varian Medical Systems	July 2015 – July 2016

• Contributed in project "*Remote Software Deployment v1.2*" (RSD) by identifying and resolving a security bug between the service-to-service communication.
• Created scheduler service, monitoring service and integration of other project components in "*Remote Software Deployment v1.3*" (RSD)", for gathering of client data and brought back to Varian server for further analytics perspective.
• Changed the architecture of Varian's standalone *Varian-Deployment-Tool* by providing similar working like the RSD server web app. Involved replicating and utilizing same service architecture like in RSD server architecture.
• **Technologies Used: C#, WCF, WPF, Sql server, MS test, TFS, Visual Studio, Entity framework.**

Software Intern	Symantec	June 2014 – May 2015

• **Create Business Intelligence System around SF VxExplorer logs.**
• Created a data warehouse by efficiently parsing the unstructured system logs generated by the customer machine using SF VxExplorer.
• Created an analysis platform on basis of the data or system logs showing various statistics.
• **Technologies Used: PHP, HTML, JavaScript, MongoDB no-SQL database, LibChart PHP chart Library.**

Research Assistant	Stony Brook University	Nov 2016 – Present

• Working as a part-time research programming assistant with a team of pediatric health sciences researchers in building an asthma web application.
• **Technologies Used: HTML, JavaScript, J-Query, MongoDB, NodeJS, O-Auth2.0.**

LANGUAGES AND TECHNOLOGIES

• **PROG LANG - Java; C#.NET; C; Python; SQL; HTML-CSS, JavaScript; J-Query, PHP, AJAX, XML, .NET (2.0 – 4.5).**
• **NON-PROG - MS Visual Studio, SQL Server, MS Unit Test; Eclipse; Android Studio; Agile (Scrum); TDD.**

PROJECTS

• **A multi-threaded system-call-tracing stackable virtual file system (Oct'16)**. Implemented a stackable virtual file system for tracing various system calls executed and the option to replay some / all the calls again. **C, Kernel-programming.**

• **Activity recognition using Wi-Fi CSI data (Sep'16).** This project involved recognizing activities like falling, running, sitting, walking using Wi-Fi based CSI data in lieu of traditional methods of wearables or cameras. It involved Wi-Fi data processing, feature extraction and creating a trained model for prediction. **Python.**

• **A NLP based Word-Problem-Solver for Arithmetic Equations (Sep'16 – Oct'16).** This project aimed at creating a NLP system with use of Symantec parsing and creating a logic network to extract equations from the word problem and solve the asked equation. **Python**

• **A neural networking model for profile matching for grad schools (Sept'15-Jan'16)**. With the historic data of getting selected/rejected, we trained our neural net to get the probability of selection. **Python**

RESEARCH PAPERS AND PUBLICATIONS

• [**Efficient Storage of System Logs using MongoDB for a Business Intelligence System**](), IJSRD, Vol 3, Issue 3.