
EDUCATION

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|---|-------------------------------------|---------------------------------------|
| Stony Brook, NY | Stony Brook University | Expected graduation - Dec 2017 |
| <ul style="list-style-type: none">• Masters in Computer and Information Sciences – Fall'16.• Courses: Operating Systems, Analysis of algorithms, Artificial Intelligence, Machine Learning, Comp-Networks. | | |
| Pune, INDIA | College of Engineering, Pune | July 2011 – May 2015 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• Machine Learning by Andrew Ng - Stanford University, Introduction to Big Data Analytics – UC San Diego | | |

EMPLOYMENT

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| Software Engineer | Varian Medical Systems | July 2015 – July 2016 |
| <ul style="list-style-type: none">• Contributed in project “<i>Remote Software Deployment v1.2</i>” (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 “<i>RSD v1.3</i>”, for gathering of client data and brought back to Varian server for further analytics perspective.• Changed the architecture of Varian’s standalone <i>Varian-Deployment-Tool</i> 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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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, REST APIs. | | |

LANGUAGES AND TECHNOLOGIES

- **PROG LANG - Java; C#.NET; C; Python; SQL; NodeJS, JavaScript; J-Query, MongoDB, AJAX, XML, NoSQL.**
- **NON-PROG – REST APIs, MS Visual Studio, SQL Server, Hadoop; MapReduce; Apache Spark; Agile (Scrum);**

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.**
- **A custom DNSSEC resolver along with DIG utility in JAVA (Jan'17).** With the use of jnsjava library, implemented recent extension to the DNS protocol that guarantees the integrity of DNS. Also supported the basic DIG utility operations used in networking with 'A', 'NS', 'MX' type DNS queries. **JAVA, jsnjava.**
- **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**

RESEARCH PAPERS AND PUBLICATIONS

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