

Navdeep Singh Nara

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EDUCATION

Robert H. Smith School of Business, University of Maryland, College Park, MD
Master of Science (M.S.), Major: Information Systems

December 2016

Ramrao Adik Institute of Technology, University of Mumbai, Mumbai, India
Bachelor of Engineering (B.E.), Major: Electronics and Telecommunications

July 2013

SKILLS

- **Analytical:** Scrum, Agile, Tableau, R, Python, Hadoop, AWS, SPARK, Hive, Android Studio, Risk Analysis, Salesforce, API, Solver, Spreadsheet modeling using MS-Excel, Statistics
- **Technical:** SQL, JAVA, J2EE, HTML, JavaScript, CSS, XML, C++
- **Domain:** Healthcare, Insurance, Banking, Computer Networking, Internet Security, Telecommunication

EXPERIENCE

Client Network Services Inc. (CNSI), Rockville, Maryland

June 2016 - July 2016

Designation: **Business Data Analyst Intern**

- Visualized billions of rows of data on Tableau Desktop to examine trend and come up with conclusions based on Washington state demographics
- Predicted total number of claims and payments with an accuracy of 87.61% by formulating models on R-Studio.
- Examined healthcare payment modules using Health Beat application to improve efficiency and performance.
- Prototyped android application in Android Studio for easier information availability to clients and decreasing call center call volumes by around 30% and cutting down on costs by 20%.

Tech Mahindra, Mumbai, India

Sept 2013 – June 2015

Designation: **Software Engineer**

- Developed and unit tested over 1500 lines of code using Computer Sciences Corporation's (CSC) GraphTalk application to fulfill client requirements related to insurance modules and products.
- Prepared SQL queries to report taxes incurred and commission paid to agents throughout the year.
- Conducted comprehensive analysis and presented solutions to all bugs arising in code thereby reducing Turnaround time by 4 minutes.
- Led and mentored three team members to revamp entire claim module within a nine-month time frame.
- Automated claim initiation and approval process decreasing manual intervention by 40%, and curtailing program execution time by 14 seconds.
- Administered 16 Tuxedo servers (middleware between GraphTalk and Web Portal for providing services) and supervised Tuxedo deployment process.

ACADEMIC PROJECTS

Internet Of Things: BitByte

- Led Scrum Team of 7 members as a Scrum Master to develop an android application, which gets real time data from wearable sensors and helps you improve eating habits and lifestyle.
- Implemented Scrum methodology and completed project in 3 sprints of 2 weeks each.
- Interacted with client and Product owner to gather requirements and presented these to the Scrum Team.
- Documented the tasks and progress made by each member of the team.

Big Data: Amazon Fine Food Reviews

- Analyzed reviews on food to predict customer trends by adopting MLlib machine learning algorithms in Spark.
- Leveraged Tableau to perform data visualization and interesting insights into the data.
- Used Hive to perform descriptive analytics on Amazon Food data.
- Executed python scripts containing different models on Amazon Web Services (AWS) to predict customer behavior.

LEADERSHIP

- Vice President of External Relations at Information Systems Association (ISA) at Smith. Responsible for meeting with the Master Program Office and enhancing alumni/company involvement.
- Track Representative for Information Systems cohort at R.H. Smith School of Business. Liaison between administrative office and students for effective communication of views, suggestions and information.