

Ayushi Bhatnagar

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EDUCATION

Georgia State University, J. Mack Robinson College of Business, Atlanta, GA
Master of Science in Information System, Big Data Management and Analytics Concentration

Expected August 2017

Manipal University, Manipal Institute of Technology, Manipal, India
Bachelor of Engineering in Information and Communication Technology

May 2014

EXPERIENCE

Cerner Healthcare Solutions Pvt. Ltd., Bangalore, India
Software Engineer

Jun 2014 – Mar 2016

- Spearheaded a team of 5 software engineers in an agile manner, to provide resolution to over 500 issues which came up while moving Visual Basic legacy code to C# code
- Modified ASP .NET applications, which impacted around 18,000 facilities worldwide, to comply with HIPAA, American College of Radiology (ACR) and HL7 standards, to provide real-time solutions in high impact scenarios
- Debugged and standardized the application code using Visual Basic, C# and advanced SQL
- Mined datasets from JIRA dashboard, to create interactive heat maps using Excel and presented Tableau analysis report which was used to display the affected areas of user workflows to the executive team
- Organized and emceed the Cerner Developer's Conference India 2015, attended by over 2000 employees

INTERNSHIPS

Office of International Initiatives, Georgia State University, Atlanta, GA
Graduate Research Assistant

Aug 2016 – Present

- Web crawling and text mining using Python and KNIME. Managing the university website using ASP .NET

Cerner Healthcare Solutions Pvt. Ltd., Bangalore, India
Technical Intern (Healthcare IT)

Jan 2014 – Jun 2014

- Transformed the high priority Radiation Dose calculation module. Re-engineered it to comply with latest ACR standards using Visual Basic and SQL and orchestrated the recruitment drives in colleges as well
- Exceeded expectations during the internship and was offered a full-time position upon completion of the internship

PROJECTS, TRAININGS AND CERTIFICATIONS

- **ALS Recommendation Engine on Amazon EMR, Georgia State University, Atlanta, GA** **Mar 2017-Apr 2017**
 - Building a Food Recommendation Engine with Spark ML (ALS algorithm) on Amazon EMR using PySpark.
- **Music Recommendation System, Georgia State University, Atlanta, GA** **Jan 2017-Feb 2017**
 - Python project using NumPy, Pandas and NLTK libraries (Naïve Bayes algorithm) for fact discovery and prediction modelling.
- **Boot Camps and Certification, Georgia State University, Atlanta, GA** **Nov 2016-Dec 2016**
 - R, Tableau and Apache Spark
 - Certification in IBM Watson Analytics and Tableau 10 from Lynda.com
- **Hadoop implementation at LinkedIn, Georgia State University, Atlanta, GA** **Oct 2016-Dec 2016**
 - Case study (use of HDFS, Cassandra at LinkedIn) with Sentiment analysis (KNIME with Hive Connectors)
- **Tradeshaw-IdentiCard, Georgia State University, Atlanta, GA** **Aug 2016-Oct 2016**
 - Risk Management case study (Covers ISO 27000, COBIT and NIST Standards)

SKILLS

- **Programming Languages:** C#, .Net, Visual Basic, HTML, Java, C, C++, JavaScript, Python
- **Other Skills:** MySQL, MongoDB, Neo4j, Android Development, AWS, Amazon EMR
- **Big Data Analytics Tools:** R, SAS, Hadoop, Hue, Hive, Spark, Tableau, KNIME, IBM Watson Analytics
- **Other Tools:** MS Office, MS Visio, MS SharePoint, VMWare, Eclipse, HP Quality Center and JIRA