

# ANKITA SHARMA

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## EDUCATION

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**The University of North Carolina at Charlotte, NC** -- *Masters of Information Technology*

May 2018

*Concentration:* Advanced Data and Knowledge Discovery

GPA: 3.88

**Relevant Coursework:** Software System Design & Implementation, Mobile Application Development, Machine Learning, Modern Data Science, Human Computer Interaction, Knowledge Discovery in Databases, Cloud Data Storage

**Panjab University, Chandigarh, India** – *Bachelor of Engineering in Information Technology (with Hons.)*

May 2016

**Relevant Coursework:** Data Structures & Algorithms, Database Systems, Object Oriented Programming

GPA: 3.87

## SKILLS

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- **Programming Languages:** Java, Python, C++
- **Web & Mobile Technologies:** Angular, jQuery, JavaScript, Android, Wordpress, PHP, Laravel
- **Data Analysis:** Python, R, MATLAB, SAS
- **Database Technologies:** MySQL, Oracle, Postgres
- **IDE:** Eclipse, Netbeans, Sublime Text, Android Studio, PyCharm, PhpStorm, Git version Control, RStudio, Webstorm, Jupyter
- **Servers:** Apache Hadoop, Apache Spark, Amazon EC2, Google Compute Engine, Docker
- **Tools:** Jenkins, Jira

## WORK EXPERIENCE

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**College of Computing & Informatics, UNC Charlotte** – *Student Application Developer*

Oct 2017 - Present

- Developing a PHP Laravel based web application to automate university application review process for College of Health and Human Services, UNCC.
- **Technologies use:** PHP, Laravel Framework, Bootstrap, jQuery, Docker, Jenkins, Jira

**Infosys Limited, Chandigarh, India** – *Systems Engineer*

Aug 2016 – Dec 2016

- Worked at Retail Logistics Application Development Unit.
- Collaborated with Business Intelligent Team for maintenance and support of projects on the Zero Distance platform.
- Led a 4 member team, programmed entire project schedule and developed Hangman game in Python including Oracle Server for database.
- Created Product Requirement Documents (PRDs), translated user requirements into use case diagrams and use case story boards to support customer and marketing teams

**Infosys Limited, Mysore, India** – *Systems Engineer Intern*

Jan 2016 – May 2016

- Worked at Open Source Unit and trained on open source technologies including Linux shell scripting and PHP.
- Led a 5 member team in development of a career portal for “Enco Tech” using Agile model.
- **Technologies used:** PHP, HTML, CSS, Bootstrap, JavaScript, JQuery, Ajax

**SmartData Enterprises(I) Limited** – *Software Developer Trainee*

June 2015 – July 2015

- Developed a web application “Placement Management System” to reduce Manual Effort and overcome traditional method of maintaining databases in current system.
- **Technologies used:** PHP, Bootstrap, HTML, CSS, JQuery, Ajax

**Netmax Technologies Pvt. Limited** – *Java Developer Trainee*

June 2014 – July 2014

- Developed a desktop java application-“Barcode Security Management” to aid security of an organization
- The GUI of the application was programmed using Java Swing.
- Also, developed a basic Online Quiz Desktop App during the training phase

## ACADEMIC PROJECTS

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**ALS based Recommendation**

Aug 2017 - Dec 2017

- Python script using Spark's ALS framework for providing recommendation of products to users based on their purchase habits.
- **Technologies used:** Apache Spark, Python, Amazon EC2

**Expense Manager**

May 2017- June 2017

- Developed Expense manager mobile app by using Android, Firebase, JSON parsing and many system apps
- Also, developed Weather Forecast and Music Search Mobile Apps
- **Technologies used:** Android, Java, Android Studio

**Charlotte Events**

Jan 2017 – May 2017

- Using agile methods developed an events app, which includes features: Carpool Scheduling, events suggestions based on user's interest and event sharing.
- **Technologies used:** PHP, HTML, CSS, Bootstrap, Ajax

**Hospital Readmission Data**

Jan 2017 – May 2017

- Analyzed hospital readmission data to retain business and adopt the affordable health act by applying techniques such as Clustering, Regression, Correlation analysis, Feature selection using Boruta package, Classification, Pattern mining, Data pre-processing, Principal Component Analysis, Outlier detection and data visualization using R
- **Technologies used:** R Studio, R, Excel, Tableau