

**EDUCATION**

**Master of Information Management**

University of Maryland, College Park, MD  
*Coursework Includes: Data Analytics, Big Data Infrastructure, Information Environments*

**Expected: May 2019**  
GPA: 3.9/4.0

**Bachelor of Technology, Information Technology**

Jaypee Institute of Information Technology, Noida, India  
*Coursework Includes: Database Systems, Object Oriented Programming, Data Mining*

**Jun 2016**  
GPA: 7.2/10

**SKILLS**

- **System Programming:** C++, Java, C#, C, Python, JSP, JSF, R programming, NodeJS
- **Web scripting/frameworks:** PHP, HTML 5, CSS, ASP.NET
- **Operating Systems:** Windows, Linux
- **Databases:** SQL, Oracle 10g, Microsoft Access
- **IDE/Tools:** Tableau, GitHub, Drupal 8, Microsoft Excel, Rally Software, RStudio, Kibana, Hadoop, Hive, Google Cloud

**WORK EXPERIENCE**

Business Analyst Intern, **CISCO, San Jose, CA**

**May 2018-Present**

- Gathered web UI requirements, developed and deployed web UI for retrieving data using a cloud service (Agile Central/Rally)
- Created a command line interface for Rally tool to update and edit features using command line arguments.
- Created a classification model to classify if a bug is a regression bug or not.

Graduate Assistant, **University of Maryland, College Park, MD**

**Jan 2018-May 2018**

- Teaching Assistant for the courses Statistics for Information Professionals and Object-Oriented Programming for Information Professionals
- Designed the course structure and created assignments in Python and R

Software Engineer, **Vayam Technologies Limited, Delhi, India**

**Feb 2017-Jul 2017**

- Developed and tested a data entry portal using .NET 4.0, currently being used by Department of Economic and Statistical Analysis, Haryana, India to make financial policies for the state of Haryana.
- Designed and managed database using SQL Server 2010.

System Engineer Trainee, **Infosys, Mysore, India**

**Feb 2016-Aug 2016**

- Designed an automated Library Management Portal on Enovia V6 platform using Product Lifecycle Management concepts (PLM). Product was successfully tested on variety of test cases.

**ACADEMIC PROJECT**

**PERCEIVE** (Proactively Explore Risky Concept Emergence for Identifying Vulnerabilities and Exposures)

**Jan 2018-Present**

*In Collaboration with University of Hawaii and University of Maryland, College Park*

- Focused on detecting vulnerability when it is still an emerging concept to allow software vendors to prepare security patches for their users.
- Implementing text mining and analysis techniques using Python scripts

**Japanese American WWII Camps**

**Oct 2017-Dec 2017**

*University of Maryland, College Park*

- Digitized index cards and formed a dataset in MS Excel
- Modeled a graph database using Neo4j and visualized the data to detect any patterns and correlations in it.

**Opinion Mining on Political Parties**

**Oct 2015-Dec 2015**

*Jaypee Institute of Information Technology*

Technologies used: Python, SQL

- Worked in a team of two to develop a system that performs sentiment analysis on twitter data to analyze people's opinion regarding various political parties.
- Applied naïve bayes algorithm on the tweet data to classify it as spam or not and visualized the results of opinion mining

**Player Valuation in IPL Auction**

**Feb 2015-May 2015**

*Jaypee Institute of Information Technology*

Technologies used: PHP, CSS, MS-Access

- Developed a website for auction of IPL players that calculates bids of players using data mining techniques
- Responsible for data collection using web crawling and maintaining it in Ms Access

**EXTRA-CURRICULAR ACTIVITIES & HONORS**

Intelligent Assistive Machines Lab at HCIL, UMD- Research Assistant

**Oct 2017-Present**

- Collected and analyzed information on the publicly available accessibility dataset to further promote data-driven research in this field
- Winner of January 2018 Research Improvement Grants (RIGs) hosted by the iSchool, UMD.