

gupta437@purdue.edu | 917 495 8108
<https://github.com/gupta437>

Ankita Gupta

736 Blake Street, Indianapolis, Indiana-46202
<https://www.linkedin.com/in/gupta24>

EDUCATION

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• Purdue School of Science• SBCSET | MS in Computer Science
B. Tech in Computer Science | Anticipated: Aug 2018
May 2014 |
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WORK EXPERIENCE

Graduate Assistant, University Library **Mar 2017 – Present**

- Work with the users of specialized software systems to assist in the development of new software features and functionality. As well as the documentation of modern business practices.
- Update library forms and assist in developing efficiencies in Access database.
- Troubleshoot reported problems and work with the support team to evaluate these problems.

Research Assistant, Department of Computer Science **Feb 2017 – May 2017**

- Work with the team of Ph.D. students and professors of Computer Science Department to build a Health App.
- We are using **cloud-based technologies, machine learning algorithms** for the project. I am majorly involved in the development of **user interface and the connection of data** from intelligence system to the front end of the application.

Software Engineer, United Health Group (Optum) **May 2014 – Dec 2016**

- Developing in **Java Spring Framework** and worked on **REST - web based XML services**.
- Experience of doing **impact analysis** of the proposed design and its impact on the existing system.
- Experience with **Agile Development, SCRUM, Test Driven Development** and **Programming methodologies**.
- Extensive experience in developing Test framework using JUnit, **TestNG** and **SOAP UI** tools using **Java**.
- Established an **Automated environment** of production moves using **VBA programming**.
- Have experience in **Quality Center and Application Life Cycle Management, Rally, JIRA** reporting tools.

Software Engineer Intern, Bharat Electronics Limited **Jan 2014 – May 2014**

- Worked on cell phone Jammer project with lead developers in the technical team.
- Brainstormed and worked on the coding of all the possible scenarios to jam the cellphone signals in the government jail premises using Visual Basic programming.

SKILLS

Programming Languages:	Java, Python, C, C++, SQL, CSS, JavaScript, XML, Hive, Pig, HTML5.
Technologies:	Spring Boot, AWS, Maven, Junit, TestNG, Jenkins, Hadoop Map Reduce, Webservices, SOAP, RESTful APIs, XML, Docker, MongoDB, Kubernetes.
Tools:	GitHub, Tableau, Matlab, Quicksight, HP-ALM, Rally, ServiceNow
Databases:	MongoDB, MySQL, SQL developer, PostgreSQL
Academic Courses:	Algorithms, Data Structure, OO Design Pattern in Distributed Systems, Big data Management and Analytics, Cloud Computing, Intelligent Systems, Advanced Graphics, Image Processing, Database, Programming Languages, Informatics.
OSes:	Windows, Linux, Unix
Processes:	Agile, Test-driven development, Agile, ITIL.

ACADEMIC PROJECTS

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|---|--------------------|
| ➤ Online Marketplace application (Java RMI, Design Pattern, Docker) | Current |
| ➤ Analyzing performance of different programming languages (using features as recursion) | Fall 2017 |
| ➤ ETL process of LA Crime dataset (Big Data, Hive, AWS-EMR, AWS – Quicksight, Tableau) | Fall 2017 |
| ➤ Image Recognition System (Python, Convolutional Neural networks, Tensorflow) | Fall 2017 |
| ➤ Multiple Image filters in single applications (Matlab) | Spring 2017 |
| ➤ Health Application. (Cloud-based Application using Java programming) | Spring 2017 |

CERTIFICATIONS

- Lean process Certified
- HIX Certified (Health Care domain certification)