

Anupam Gupta

anupam.gupta@aol.com | 832.709.6621 | [in anupamgupta16](https://www.linkedin.com/in/anupamgupta16) | [Galactus16](https://github.com/Galactus16) | Houston, TX

Objective Looking for Co-op / Internship during spring semester (starts Jan 2017) to utilize and build upon skills.

Education

Master of Science, Computer Science – University of Houston, Texas

GPA: 3.8 / 4 (May'17)

Bachelor of Technology, Computer Science – SRM University, India

GPA: 8.7/10 (May'12)

Certification Oracle Certified Associate, Java SE7 Programmer

227144665OCAJSE7

Skills

- Java, Python, PeopleSoft, Ruby on Rails, PL/SQL, HTML, CSS, Java Script

Work Experience

Enterprise Systems Application Developer, University of Houston

Sept' 15 – Present

- Developed and maintained UH applications and database management software using PeopleSoft consisting of SQR, App Designer, People Code, and PL/SQL.
- Developed file attachment enhancements, data discrepancies removal pages for the UH systems.
- Presented on topic 'Integration Integrity Utility' at PeopleSoft Conference ([SCHRUG](#)) 2016.

Application Developer, IBM India (UBS Project)

Feb' 14 – July' 15

- Managed and maintained three java based user authentication and authorization application for the bank.
- Improved existing Java code to increase code efficiency and security. Developed scripts to automate the manual process on Unix server.
- Analyzed, developed, documented, tested, deployed new enhancements.

Intern, DUCAT India

Jan' 13 – Jan' 14

- Trainee developer, designed and developed Java based applications.

Projects

FotoBook (Instagram like website): Ruby on Rails

- Design and developed website with functionality to share pictures, follow/unfollow users, like, comment on pictures and user authentication.

Rice Rocks (Rice University Coursera Project): Python

- Designed and developed spaceship and asteroids shooting game.

Mini Search Engine: Java

- Developed a miniature web-search engine which returns results for a user input from a corpus of documents using Java - Boolean queries (AND, OR, NOT).

Java Project to Normalize database

- Developed java program that generates SQL queries depending on the table structure (keys).
- It tells if the table satisfies all normal forms or not, if the table is not in 3NF, then it decomposes the given table into multiple tables. Used HP Vertica running on Linux, Java JDBC, SQL.

ER model and OLTP for an Airline Database

- Developed online transaction processing java program which emulates Airlines reservation system. The program can process hundreds of concurrent reservation requests.
- It is fail-safe program which updates the database. Developed many Postgres procedures to ensure that database maintains its ACID properties.