PARUL JOSHI

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EDUCATION

New York University, Brooklyn, NY   **05/16**
Master of Science in *Computer Science,* **GPA**: 3.33/4

Birla Institute of Technology, Jaipur, India   **06/13**
Bachelor of Engineering in *Computer Science and Engineering,* **GPA**: 8.02/10

Related coursework
Design and Analysis of Algorithms, Principles Of Database System , User Experience Design, Introduction to Operating Systems, Compiler Design, Computer Network, Data Structures, Artificial Intelligence, Java Programming.

TECHNICAL SKILLS

Programming Languages: C, C#, C++, Java, Php, Python, JavaScript
Database Management: MongoDB, Parse, Oracle, MySQL
Web Technologies: HTML, Dot Net, Silverlight, CSS
GIS Software: Small World

WORK EXPERIENCE

Application Developer at FITL, NYU Polytechnic School of Engineering   **07/15- Present**
- Working on a Tracker Application which keeps track of students and tutors signing in for a class.
- The Application has an admin section which creates/edits student and tutor details, generates relevant reports, blocks/unblocks students, manages accounts and gets live information on classes running currently.
- Adding a Single Sign feature in the application so that students and tutors won't have to spend time logging in for cancellation and rescheduling the classes**.**
- **Technologies Used:** Javascript, MySQL, PHP,CSS3, HTML5

Database Design and Administration Intern at CookieSmart Inc., New York   **03/15- 05/15**
- Designed Database using Parse on MogoDB for Cookie Smart EHR.
- Used Cloud Codes as a medium to enhance the speed of data fetching and updating from database to app.
- **Technologies Used:** MongoDB, Parse, Python, JavaScript

Software Engineer Intern at Urban Art Beat, New York   **09/14- 02/15**
- Redesigned the whole website.
- Used CSS3 to design essential parts of the website.
- **Technologies Used:** PhP, CSS3, HTML5 , , Word Press

Application Developer at IBM India Pvt. Ltd., Gurgaon, India   **08/13 - 07/14**
- **Project:** Airtel Africa GIS (Geographic Information System).
- **Main Objective:** Implementation of a network inventory system for 17 operating countries.
- Worked on a module on Silverlight framework for GSA Lite Application where an excel report is generated based on the land base data provided by the country.
- **Operating Country (OpCo) Head** for Gabon, Africa.
- Tracked milestones and coordinated with business team of Gabon to eliminate data dependency.
- Tested business data, A2GIS thin client (Silverlight Application) and thick client (Smallworld application).
- **Technologies Used:** Silverlight SDK 5,Visual Studio 2012,GSA Lite Server, GSA Professional, Oracle 1g

Research Assistant at Birla Institute of Technology, India   **05/12 - 08/12**
- Project - Motif Discovery using Genetic Algorithm under Dr. Shripal Vijayvargiya
- Programmed the necessary components that can be attached to main research project.
- Modified FMGA & NSGA by using pareto optimal solutions, clustering technique and fitness functions.
- Compared results to get accurate motif in less time.
- **Technologies:** Java SDK 1.6, Eclipse Indigo, Tmod.

ACADEMIC PROJECTS

goruntuKARTI, New York University   **03/15 - 05/15**
- Designed a web based service that allows user to maintain an online picboard with pictures that they like and find and want to share with others.
- User can sign up, make multiple picboards, pin multiple pictures, add friends, like pictures, repin pictures that they find on other board and can comment on their friend's picture.
- **Technologies**: MySQL, PHP, Javascript, HTML5, CSS3

Gotham Space Agency – UX Research Project, New York University   **09/15 - 11/15**
- Worked for Gotham Space Agency, a non-profit organization as an academic project where our task was to create an entire online User Experience.
- Our group worked on Pre-Launch phase where our Target audience were teachers, donors and parents.
- **Technologies:** Axure, Illustrator