

Saloni Desai

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EDUCATION:

Master of Science in Information Systems

George Mason University, VA

May 2015 (expected)

GPA: 3.62

Bachelor of Engineering in Computer Science

University of Mumbai, India

May 2013

TECHNICAL SKILLS:

Languages: Java, PHP, Html5, CSS3, JavaScript, XML, jQuery, Familiar with Python

Databases: Oracle, MySQL

Software: Eclipse, Visual Studio, Adobe Suite, WEKA, Rational Rose, Wireshark

Other: Twitter's Bootstrap Framework, Angular JS, Ajax, Servlets, JSP, JDBC, Struts2 Framework, Amazon EC2, UML, Photoshop

PROFESSIONAL WORK EXPERIENCE:

Office of Housing and Residence Life, George Mason University

May 2014- Present

Web Developer

- Designed and Developed interactive **HTML5 SVG responsive fluid** floorplan apps using **Javascript, jQuery and Twitter's Bootstrap Framework**.
- Used **Raphael.js** library to make the apps' performance on phones and tablets more efficient.
- Restructured and redesigned housing.gmu.edu using **HTML5, CSS3 and Javascript** to improve user experience. After detailed analysis, recommended changes to enhance look and feel of the website.
- Working with **RMS Mercury software** by performing application testing, creating graphical floorplans using **Adobe Illustrator CS6** and **Adobe Flash Professional CS6** and then applying the floor plans and configuring them for use against the RMS database.
- Working with **Adobe Illustrator, Photoshop and Flash CS6** to compose floor/room plans for residence halls.

ACADEMIC PROJECTS:

Student Survey Form

Language: Java

Technology: JBoss Server, JPA, Amazon Web Services

- Developed a feedback form for prospective students of George Mason University using **Struts2 and Hibernate framework, HTML5, CSS3 and Javascript**. To be deployed by the university using **Amazon Web Services**.

Random Acts of Pizza

Language: Python, Java

Tool: WEKA

- Applied machine learning classifiers such as Naïve Bayes, Logistic Regression and J48 Decision Trees on a dataset obtained from Kaggle.com and evaluated their performance based on accuracy and F-measures. Incorporated both non-textual and textual features into classification.
- The project topic was taken from a Kaggle competition named Random Acts of Pizza.

Recommender based on consumer behavior

Language: Java

- Designed and architected an artificially intelligent mobile app based recommendation system to recommend optimal shopping destinations and times based on the user's shopping needs and previous shopping patterns.
- Was in-charge of implementation of the app sending images of bills clicked by the user onto the **Amazon S3 bucket**.

Developed a project on file security using Bluetooth

Language: Java

- Implemented Encryption and Decryption algorithm using Java, enabling file security and identity verification through a mobile device connected to the computer via bluetooth.
- Sunil W, Aparna D, Saloni D, Agraja K, **An Innovative Approach to File Security Using Bluetooth**. International Journal of Scientific Engineering and Technology Volume No.2 Issue No. 5.

Created Zodiac Website

Language: Java

- Website had interface where user was asked to enter Date Of Birth and corresponding information is
- Executed User interaction using **HTML, CSS, Java script** and database was managed using **MySQL and MS Access**.

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Available: May 2015