Jonathan Gonzalez

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EDUCATION

Bachelor of Science, Computer Science | Minor in Business   **Dec 2017**
Texas State University, San Marcos, TX
GPA: 3.36
Coursework: Object Oriented Design, Data Mining, DB Systems, Internet Software Development

TECHNICAL SKILLS

Programming Language: Java, SQL, C++, Python, JavaScript, CSS, HTML, Swift
Operating Systems: MacOS, Unix/Linux, iOS, Windows
Other: MySQL, JUnit Testing, JSP, Tomcat, Eclipse, REST APIs

PROJECTS

Shipping Store Application - Group Project, OO Design, JUnit testing, Java
- Developed a Java application implementing concepts of inheritance, polymorphism and incorporated them into Shipping Store application using abstract classes and interfaces
- Used JUnit testing framework to check functionality of the application
- Implemented a graphical user interface, using objects form the Java Swing Library

Data Mining – Data preprocessing, classification, Cluster Analysis, IR
- Developed a k-means clustering algorithm using python
- Created a Lyric search web application that searched a local database. Data was uploaded and indexed in SOLR
- Used Naïve Bayes classification on data sets

Database Systems – Normalization, Database Models, Database Design, SQL
- Designed and created a database for a fictional company that included multiple tables such as Customer, Employee Data, Payroll, Vendor and Sales
- Normalized and Designed each table using E/R Models

Website Design – Full Stack Development. Group Project, Static/Dynamic Web pages
- Collaborated with team members on a full stack development project to design an e-commerce-type web site similar to Netflix using HTML, CSS3, JSP and Java servlets
- Designed a web application to search for movies by creating a page that would submit information to a Java servlet that forwarded a request to a JSP page to be rendered
- Modified Movie Web Application to be a movie rental website that used MySQL server to store, retrieve and update data information from customers and movies

EXPERIENCE AND ADDITIONAL INFORMATION

Independent Project – iOS Developer
- Developed iOS applications implementing AWS, Swift, and Project Planning in an Agile Environment.

Apple Inc. - AppleCare At Home Advisor **(**May 20015 – Jan 2016)
- Provided customer service and technical support for Apple Customers on Apple products and services for troubleshooting

OneWest Bank - Foreclosure Specialist IV (Sept 20013 – Feb 2015)
- Lead State Specialist for IN, IA, MA, ME, PA and SC. Trained and assisted current/new Foreclosure Specialists on new procedures on new procedures and guidelines

Personal Information: Driven, flexible, analytical, and detail-oriented. Recipient of Employee Excellence and Dean List awards.