

Ankit Pradeep Patel

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OBJECTIVE

Highly motivated and adaptable individual seeking to contribute skills for the benefit of the company. Proficient knowledge of various tools and technologies used to develop applications and perform an effective analysis of data to gain valuable insights.

EDUCATION

M.S. Computer Science | Binghamton University, SUNY Aug 2017 - May 2019
B.E. Information Technology | University of Mumbai, India Aug 2013 - May 2017

TECHNICAL SKILLS

Languages : Python, Java, JavaScript, C, SQL, PL/SQL.
Tools : SQL Plus, SAS, Tableau, VS Code, GitHub, Eclipse IDE, MS Excel, MS Word, MS PowerPoint.
Databases : MySQL, Oracle.
Additional : Relational Databases, JSP, Servlets, HTML, CSS, Application Development, Web Development, SDLC, Data Modeling, Microsoft Office, Linux, Windows, Data Analysis, Data Preprocessing and Manipulation.
Certification : Oracle Certified Professional Java Programmer, SAS Programming (Coursera).

WORK EXPERIENCE

Technical Support | Binghamton University, SUNY June 2018 - May 2019

- Provided desktop computer support to faculty, staff, and students of the School of Management; responded to calls and emails; diagnosed and solved hardware and software problems and managed equipment inventory
- Ensured proper functioning of office and classroom equipment by performing updates and checkups every month

PROJECTS

Student Registration System Binghamton University, Sept 2018 - Nov 2018

- Developed a web application to enroll a student; used a series of PL/SQL procedures, triggers to query, store and retrieve student information from the database **Tech Stack:** SQL, PL/SQL, Java, JSP, Servlets, MySQL, JDBC

Banking Application Binghamton University, May 2018

- Developed an application that can create a bank account and can perform all the bank operations
- Designed a MySQL database to store all the information such as account details, transaction log data from the application using JDBC **Tech Stack:** Java, SQL, MySQL, JDBC

Recommender System Binghamton University, Jan 2018 - April 2018

- Built a recommender system to predict the rating for unrated products by using neighborhood-based collaborative filtering on a dataset of 80,000 records of 943 users and 1682 items
- Computed the similarity using Pearson coefficient of correlation as it reduced the execution time and improved accuracy **Tech Stack:** Java, Eclipse IDE, Excel

Information Retrieval System Binghamton University, Sept 2017 - Dec 2017

- Built an IR System that performs retrieval of relevant HTML documents (movie reviews) containing query terms entered by the user and maintained a dictionary of index terms and documents table to reduce search time
- Used Apache commons library to perform data extraction **Tech Stack:** Java, Apache Commons Lang, Eclipse IDE

Analysis of TSA Claims Data Using SAS August 2017

- Prepared and validated the claims data of 220,855 records to perform statistical analysis on claim incidents that occurred in the US every year from 2002 to 2017 and exported findings into a pdf report **Tech Stack:** SAS, Excel

EXTRA-CURRICULAR ACTIVITIES

- Member of BUDSA (Binghamton University Data Science and Analytics)
- Member of Binghamton University Astronomy Club
- Creative Head and Volunteer for IET, India – led the creative team to create and advertise posters and presentation