

Anand Vadaje

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EDUCATION

Binghamton University, State University of New York (2016)

Master of Science in **Computer Science** (GPA - 3.67/4.00)

VTU University, Belgaum, India (2014)

Bachelor of Engineering in **Computer Science** (GPA - 3.62/4.00)

COMPUTER SCIENCE KNOWLEDGE

Programming Languages: C, Java, C++, Verilog and Unix System Programming.

Web-Design: HTML, CSS, JavaScript, PHP, Bootstrap, WordPress and Vanilla Forums.

Database Systems: Oracle 11g, PL\SQL and MySQL

Security Applications: SSH, OpenSSL, PGP, and PPP

WORK EXPERIENCE

Graduate Assistant, Binghamton University - Web Developer & Office Manager (2015)

- Responsible for developing and maintaining the online existence of the office and responsible for the daily functioning of the office.
- Designed and developed a website for the GSO office which is live on www.gsobinghamton.org and a discussion forum for the students of the university under the requirements of GSO office which is live on www.gsobinghamton.org/discuss
- Developed HTML email templates for the GSO office to send out newsletters and announcements to the graduate body.
- Providing technical support to end-users.

Student Assistant, Binghamton University - IT Consultant at PODS (2015)

- Responsible for giving technical support to the end users at the Information Commons center in the University and manage the Information commons department of the library.
- Ensure smooth working of the computer system and network and provide solution whenever required.

COMPUTER SCIENCE EXPERIENCE

Implementation of Information Retrieval System (2015)

- Designed and implemented an application using *JAVA* for given collection of xml/html files for retrieving search results for a particular keyword using the Query Likelihood Ranking language model.

Retail Business Management System (2015)

- Implement an application using *Oracle's PL/SQL, JAVA* and *JDBC*, which can be used by small-scale businesses to maintain their stocks. An Interactive and menu driven interface was implemented with the given set of data and constraints.

Implementation of Secure Virtual Election Booth (2015)

- Implemented an application to provide a secure way for users to vote online using *JAVA*. The connection between client and servers were secured using *RSA Algorithm* and *Digital Signature*. The servers were configured to handle multiple connection at a time using *multithreading*.

The Basic Snake Game (2015)

- Developed and implemented the basic snake game using *HTML, CSS, JavaScript* and *JQuery* which can be played on any web browser using the keyboard as input. It is live on www.anandvadaje.com/snake_game

Implemented a search engine and tracking script for the website www.gsobinghamton.org (2015)

- Created a search engine with the help of API's from *SWIFTYPE*. Supports custom result ranking, autocomplete, synonyms facets and real-time indexing. Implemented the tracking code with the help of API's from Google analytics to analyze visitor traffic. It also tracks the routes through which the users reach the website.

Implemented Google Apps for work with the domain www.anandvadaje.net (2015)

- Understood and implemented the functioning of the *Google Apps for Work* with domain for the usage of email communication, drive storage and various other apps provided by Google Apps. Learnt the functioning of the *administrative functions* for creation/deletion of users and organizing the services within the domain.

Smartphone Application for College Campus (2014)

- Created an android application and VB .NET application using *JAVA, .NET* and *PHP*, which can be utilized to send notifications of college information to students using the application and can also be used for various college-level purposes.

EXTRA-CURRICULAR ACHIEVEMENTS

Member of E-Board at the Graduate Student Organization, Binghamton University (2015)

Student Coordinator for Placement Cell at KLSGIT, Belgaum (2014)