BRAHMA S. PAVSE

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EDUCATION

The University of Texas at Austin, Austin, TX   Expected Graduation Date: May 2019
Bachelor of Science in Computer Science
Honors Include: Freshman Research Initiative (FRI Program)

Delhi Public School, Pune, India   Graduation Date: May 2015
High School
Honors Include: Among top 1% of students in the Science Stream and recipient of Scholar Badge.

PROJECTS

- Designed a program that implemented a digital database that included functionality of data structures to keep track of profiles of individuals; hence, troubleshooting the problem of excessive paper usage of smaller companies such as apartment rental agencies or car dealership.
- Executed a MATLAB/Octave Machine Learning analysis program implementing Univariate and Multivariate Regression models to predict specific continuous outcomes based on large database.
- Developed a Social Network in Java by keeping track of data via HashMaps and ArrayLists. Implemented Java graphics API and Data File Handling.
- Created a C++ program that emulated the functionality of a Travel Analysis program such as 'Priceline.com' through Data File Handling.

EXPERIENCE

Omniscient Software, Pune, India
Software Testing Intern in **Testing Department**   Summer 2014
- Focused on optimization of Network Software Product through testing and configuring to ensure emphasis was placed on regulation of specific restrictive websites for employees.
- The review was primarily steered towards administrative authorization, Firewall enhancement and threading of website regulatory practices.
- The process enabled an ethical work paradigm for all employees and increased Omniscient's productivity by 15%

TECHNICAL SKILLS

Languages:	**Proficient in Java, Java ACM library**
	Familiar with C++, MATLAB, Octave
Database:	**Familiar with MySQL**

ACTIVITIES & LEADERSHIP

Freshman Research Initiative (FRI), UT Austin
Mobile Application Development (MAD), UT Austin
Association for Computing Machinery (ACM), UT Austin
Student Council, Pune, India
Council Advisor and Environmental Secretary
- As a board member regulated decision-making process to achieve most ideal outcome for events, rules and practices.
- Successfully implemented Computer Science Quizzes, Environmental campaigns, Sporting and Cultural events

The Salvation Army, Pune, India
Instructor of CS and Mathematics.
- Assisted children from the age of 7 to 15 about computer programming methodology, Calculus and Trigonometry.

RELEVANT COURSEWORK

- **Fall 2015:** Introduction to Programming (CS 312), Multivariable Calculus (M 408D), Microeconomics (ECO 304K)
- **Spring 2016:** Data Structures (CS 314), Discrete Mathematics (CS 311), FRI Research Stream (CS 378)