

# BRAHMA S. PAVSE

[brahmasp@utexas.edu](mailto:brahmasp@utexas.edu) | +1-(512)-992-7299

[www.linkedin.com/in/brahmaspavse](http://www.linkedin.com/in/brahmaspavse) | <https://github.com/brahmasp/> | <https://www.cs.utexas.edu/~brahmasp/>

## EDUCATION

**The University of Texas at Austin**, Austin, TX – GPA: 4.00

Expected Graduation Date: May 2019

*Bachelor of Science in Computer Science*

Honors Include: University Honors – Deans List

Freshman Research Initiative (FRI Program) – Autonomous Intelligent Robotics

## PERSONAL PROJECTS

- Created a Breadth First Search Web Crawler/Scraper, “Yelper, Your Helper” using Python and MySQL, to collect information from a user-desired search on [www.Yelp.com](http://www.Yelp.com). Directions and distance between current location and data’s address are computed. Data is stored in a MySQL database for future retrieval.
- Implemented a Web Scraper, “YourTubes”, using Python, to scrape video links from a user-desired playlist on [www.YouTube.com](http://www.YouTube.com). Links are automatically sent to a 3<sup>rd</sup> party site to download the videos to the users system.
- Designed my webpage from scratch using HTML, CSS, JavaScript and jQuery Library as web technologies.
- Developed a Social Network in Java by keeping track of data via HashMaps and ArrayLists. Implemented Java graphics API and Data File Handling.

## EXPERIENCE

**Omniscient Software**, Pune, India

Software Testing Intern in **Testing Department**

Summer 2014

- Focused on optimization of Network Software Product through configuration to ensure that emphasis was placed on regulation of specific 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

**Programming Languages: Proficient in Java**

**Familiar with Python**

**Exposure to C++**

**Web Development: Familiar with HTML, CSS, JavaScript, jQuery,**

**Database: Familiar with MySQL**

**Version Control: Exposure to Git, GitHub**

## ACTIVITIES & LEADERSHIP

**Freshman Research Initiative (FRI)** – Autonomous Intelligent Robotics Stream, 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

- **Spring 2016:** Data Structures (CS 314), Discrete Mathematics (CS 311), Autonomous Intelligent Robotics (CS 378)
- **Fall 2016:** Computer Organization and Architecture (CS 429), Autonomous Intelligent Robotics (CS 378)