

# TASNIM MAKADA

914 Greek Row Dr., University Village 135, Arlington, TX 76013

Mobile No: (469) 664-4276

Email: tasniminayat.makada@mavs.uta.edu

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## WORK EXPERIENCE

**Lucid LLC., New Orleans, LA, USA**

**May 2016- Aug 2016**

### Software Development Intern

- Front-end development of a dashboard using ReactJS, ES-6, HTML, CSS3 and backend development using NodeJS
- The dashboard was used to display parsed data from Jenkins for various types of users.
- Participated in Lucid Shark Tank, which required coming up with the next business idea for the company.

**Persistent Systems Limited, Pune, India**

**Nov 2012- Jul 2015**

### Module Lead and Senior Software Engineer

- Worked in the automation test team of StrongView project which dealt with email marketing solutions.
- Added functionalities and maintained 3 automation frameworks with Web Driver and Java for UI, XML-based for backend, and Axis2 with Java for web services. We used Amazon's S3 services and APIs for data management on cloud.
- Helped in creating an XML-based framework which worked on the motto 'Anyone can Automate'
- Worked on improving performance of the mailing system for Yahoo.
- Won two "You Made a Difference" awards with monetary awards.

**Infostretch Solution Private Limited, Ahmedabad, India**

**Jul 2010- Nov 2012**

### Jr. Software Engineer

- I was one of the 3-member team sent on-site at Tibco, to create a POC using our automation framework for their products. The result was so impressive that our client, Tibco used it on multiple projects and extended the team's duration for work.
- Single-handedly worked for entire STLC using Selenium-Ant-TestNG framework in Java, for clients like Aravo Solutions.

## TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++, C#
- **Technologies:** HTML, CSS, ReactJS, ES6, NodeJS, Selenium, TestNG, JUnit, Apache-Ant, Axis2
- **Tools:** VSCode, Eclipse, Bugzilla, TestLink
- **Operating Systems:** Linux, Windows
- **Database:** PostgreSQL, MySQL, Oracle

## EDUCATION

- **University of Texas at Arlington**

**Aug 2015-Aug 2017**

**M.S. Thesis in Computer Science**

**GPA: 4.0**

**Received scholarship from the CSE department for excellent academic standing**

**Coursework:** Machine Learning, Multithreading, Artificial Intelligence, Distributed Systems, Human Computer Interaction, Algorithms, Software Engineering-1

- **Saurashtra University, Gujarat, India**

**Mar 2006-Mar 2010**

Bachelor of Engineering in Computer Engineering

## PUBLICATIONS

- Enhancing Memory Retention by Increasing Alpha and Decreasing Beta Brainwaves using Music at Petrae'16 Conference.

## RESEARCH AREA

- Interactive Learning Interface (ELITE) which uses Wizard-of-Oz paradigm to learn the behavior for each user, and then interact with a user without therapist/specialist intervention after learning a user's behavior patterns.
- Machine Learning algorithms used KNN and ANN using Python-Django framework using Muse device.

## ACTIVITIES

- Created an Android app for money management among friends that used image detection and scanning for reading bills.