

PRADEEP MAHABHASHYAM

[Link to my portfolio](http://mnmpradeep.github.io/) : <http://mnmpradeep.github.io/>

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WORK EXPERIENCE & RESEARCH INTEREST

Graduate Teaching Assistant, Software Process
University of Houston - Clear Lake

May 2016 – December 2016

- Assisting professor during class, conducting exams for students, preparing and evaluating assignments.
- Research and Development on Agile methodologies and Software models.
- Developing tools using C#, HTML, CSS & JAVASCRIPT as part of research and classroom activities.

EDUCATION

Masters in Software Engineering

May 2017

3.7 GPA

University of Houston - Clear Lake, Houston

Bachelor of Technology in Computer Science & Engineering

May 2015

3.5 GPA

St Martin's Engineering College, Hyderabad

TECHNICAL SKILLS

- Languages: Java, C#, C, C++
- Web Technology: PHP, ASP.NET, JavaScript, HTML, CSS
- Methodologies: Agile, Waterfall, and Rapid Application Development (RAD)
- Backend Management: MySQL, SQL, MS Access

PROJECTS

UHCL Flea Market: ASP.NET and C#

Spring 2017

Developing a free classified website for University of Houston- Clear Lake, using which students can buy and sell items such as books, furniture, clothes or even post roommate requests.

Video-streaming web application: PHP and MySQL

Fall 2016

Developed a web application which allows users to view videos as per category, such as academics, infrastructure, events. MySQL is used to maintain the backend of the website.

Connect 4 game: C language

Spring 2016

Developed a game using threads by assigning a thread to referee and another thread to the players, where players compete with the computer by dropping pegs into the slots.

Effective pattern discovery for text mining: ASP.NET and C#

May 2015

Developed an application which provides an effective pattern discovery technique that calculates discovered specificities of patterns and then evaluates term weights for solving misinterpretation problem

Password Wallet: Java

May 2015

Designed an interactive desktop application for password management that allows users to add, delete and reset passwords. All user passwords are stored in an encrypted form using SHA-256 and AES encryption techniques.

TECHNICAL PARTICIPATION

- Presented a paper on 'Teaching Agile Methodologies Using Games' at a Dual conference hosted by NASA and IEEE, October 2016.
- Presented a paper on 'Agile Project Management Tools' at UHCL, Spring 2016.
- Paper Presentation on 'Ethical Hacking' at Technosmec 2012, a national level technical symposium conducted by St. Martins Engineering College, JNTUH.
- Paper Presentation on 'Holographic Memory' at Technosmec, 2013