AKHILESH MANTRIPRAGADA

SOFTWARE ENGINEER & ENTREPRENEUR

EXPERIENCE

Co-Founder, Intuitive Inventions LLP
Bangalore, India; August 2013 – Present
- Intuitive Inventions is a start up specializing in Internet-related tools, services and products including web based software, online marketing advertising, and cloud computing.
- Projects include Quantitative Literacy Course Data Submission (for UTSA), Edulinc (Collaboration tool for Universities), and BoardBaby (Private Social Network for Parents).

Research Assistant, Cloud and Big Data Laboratory(CBDL)/Open Compute, University of Texas at San Antonio
San Antonio, Texas September 2013 – May 2014
- Pioneering laboratory in US; Researched under the supervision of **Rackspace's Vice President**
- Performed Cloud hardware certification
- Collaborated with industry experts from Rackspace, Avnet, Ubuntu and Facebook
- Only undergraduate student to be selected in a group of post-doctorates and industry experts

Web Engineer, Quantitative Literacy Program(QLP), University of Texas at San Antonio
San Antonio, Texas December 2012 – May 2014
- Reported directly to the **Director of QLP**; Analyzed and interpreted datasets collected by the program
- Designed, Implemented and deployed Quantitative Literacy Course Data Submission(QLCDS) web portal which, is now being used by over 50 professors at UTSA and reduces workload by more than 3/4th

Degree Plan Achievement Analysis(DPAA) Developer, Office of Information Technology, University of Texas at San Antonio
San Antonio, Texas October 2012 – May 2013
- Designed, developed and implemented the DPAA prototype, a web portal that allows students to plan their courses at UTSA by providing them suggestions based on their major, GPA and interests. One of the first student made software.
- The DPAA will later be scaled to accommodate the 30,000 UTSA Student population
- Reported directly to the **CIO and Vice-Provost of UTSA**.

GET IN TOUCH

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SKILLS

	Aware	Good	Adept
PHP			
MySQL			
SQL			
Java			
C			
HTML5			
CSS3			
JavaScript			
Python			
Scrum			
Laravel PHP Framework			
Marketing & Branding			
Design & UX			

AWARDS

- Most Outstanding Student, College of Sciences, UTSA 2014
- TIAG Annual Scholarship, 2012-14
- Honors College Research Grant, 2013-14
- Presidential Honors Scholar 2014
- College of Science Dean's Fund Excellence Award 2012
- President's List Fall 2010 – Fall 2013 (7 Semesters)
- Tesoro Annual Scholarship 2012-13
- Allen V Martinese Endowed Scholarship, 2013-14
- Great Conversations Honors Scholar, 2012-13
- William and Loyce Collenback Honors Scholars, 2011-14
- Best Student Award, 2010

EDUCATION

Bachelor of Science in Computer Science and Software Engineering
University of Texas at San Antonio, 2010 - 2014

Cumulative GPA: 3.91, Major GPA: 4.0

- Highest Honors from the Honors College with Thesis entitled *Edulinc: Powerful Collaboration Tool for Schools*
- Received 2 research and travel grants to work on Edulinc and present my research at national conferences
- Presented Edulinc at College of Sciences Research Conference, Honors Symposium, and National Conference for Undergraduate Research at University of Kentucky

Master of Science in Computer Science
Columbia University, 2014 - 2015

GPA: 3.78

- Software Systems Track
- Expected Graduation **December 2015**

RECENT PROJECTS

Team Lead, Share-A-Meal

New York City, NY; September 2014 - December 2014

- Led a team of 4 developers to design, implement, test and deploy a social web application that anonymously pairs members with other nearby members in real-time, based on common cuisine type preferences.
- Focus of the project was SOLID design principles, handling changing requirements, managing third party API dependencies and testing including test-driven development and metamorphic testing.

Team Leader, PSAP Database
Internet Technology Economics & Policy Course Columbia U

New York City, NY; September 2014 - December 2014

- Implemented an end-to-end Laravel Application
- PSAP Database serves as a tool to aid the FCC in evaluating the state of PSAP readiness and E9-1-1 deployment
- Used Test first development ideology to design and implement the project
- Worked with Dr. Henning Schulzrinne

Team Leader, Electronic Health Information System
Software Engineering Course, UTSA

San Antonio, Texas; January 2013 – May 2013

- Led a team of 6 to design, develop and implement a computer based system that manages large patient records
- Liaised with clients to construct a vision and scope document, and Software Requirements document
- Managed the software development process using a flavor of Scrum, an agile project management technique

EXTRA CURRICULARS

- Member, Collegiate Entrepreneurs Organization
- Board Member, Indian Student Association at Columbia University
- Member, The National Society of Collegiate Scholars
- Nominated Member, Phi Kappa Phi
- President, Student Council, Ryan International School, Bangalore, India
- Vice President, Student Council, Ryan International School, Bangalore, India

RELEVANT COURSEWORK

- Data Structures (TA)
- Discrete Math
- Systems Programming
- Operating Systems
- Project Management
- Analysis of Algorithms
- Computer Organization
- Programming Languages and Translators
- Software Engineering
- Independent Study/ Research
- Introduction to Database Management
- Micro- and Macro Economics, and Economics: Managerial Decisions
- Honors Internship
- Honors Research
- Artificial Intelligence
- User Interface
- Computer Architecture
- Advance Software Engineering
- Internet Tech Econ Policy
- Database Systems Implementation
- Programming Environments and Software Tools (TA)

MORE INFORMATION

Date of Birth: **31st July 1992**

Please visit **www.linkedin.com/in/akhileshmantripragada** for more information about my experience and projects.