

EDUCATION**University of Southern California**, Los Angeles, CA

Expected May 2017

Master of Science, Computer Science

GPA: 3.9/4.0

Courses: Algorithms, Databases, Artificial Intelligence, Natural Language Processing, Geospatial Information Systems, Advanced Mobile Devices and Game Consoles

Jawaharlal Nehru Technological University, Hyderabad

May 2011

Bachelor of Technology, Electronics and Computer Engineering

GPA: 4.0/4.0

Awards: Gold medal for Academic Excellence

TECHNICAL SKILLS

Programming Languages: Java, Python, Scala(Basic), JavaScript(Basic), HTML, CSS

Version Control: GIT, Stash, SVN

Tools, IDEs and DBMS: IntelliJ, Eclipse, MySQL, Sybase, MS SQL Server, Oracle

Methodologies: Agile, Iterative, Test-driven Development

ACADEMIC PROJECTS**Game Simulation using Artificial Intelligence**

Fall 2016

- Developed a game agent which determines current player's next move by implementing three Artificial Intelligence algorithms: Greedy Best-first Search, Minimax and Alpha-Beta Pruning (*Language: Python*)

Classification of Hotel Reviews using Naïve Bayes

Spring 2016

- Developed a Naïve Bayes classifier which tags hotel reviews as Truthful or Deceptive and Positive or Negative based on statistics acquired from training data. (*Language: Python*)

Spaceman – Unity 3D

Spring 2016

- Collaborated with a team of five graduate students to develop a single player, mission oriented game using Unity 3D (*Technology: Unity, C#*)

<https://spacemangame.github.io/>**Spatial Database Management System and Interactive Application**

Fall 2015

- Designed a spatial database using Oracle Express 11g to accommodate 2-D data using SDO_GEOMETRY and spatial indices (*Technology: JFrame, Java 2D API, JDBC, Oracle*)

Training and Placement Management System

Spring 2011

- Led a team of three members and developed a system which assisted companies to recruit candidates on-campus and provided an online learning environment to employees (*Technology: VB.Net, MS Access*)

WORK EXPERIENCE**Software Development Intern, Tech Inc. Rancho Santa Margarita, CA**

Jun 2016 – Aug 2016

- Designed and prototyped improvements to the core analytics engine and added test fixtures to improve quality and reliability of advanced data mining and machine learning platforms. (*Technology: Scala, Java; Domain: Prescriptive Analytics*)

Test Analyst, Development Bank of Singapore, Singapore

Jan 2014 – Apr 2015

- Collaborated with business users in User Acceptance Testing(UAT) and conducting Business Reviews for DBS Internet Banking and mobile banking applications (*Domain: Banking and Financial Services*)

Programmer Analyst, Query Technology Solutions, India

Aug 2011 – Apr 2013

- Developed queries using MySQL to check data consistency and correctness between Facets application and external vendor systems.
- Performed System Integration Testing (SIT) and trained new recruits on Facets and basics of SQL. (*Technology: MySQL, VB Script, Hyperion; Domain: Health Insurance*)