

NIKHIL MOORJANI

1226 W 30th St, Apt 6, Los Angeles, CA-90007 • Phone: +1(213)294-9812
<http://www-scf.usc.edu/~nmoorjan/profile/> • nmoorjan@usc.edu

EDUCATION

University of Southern California (USC), Los Angeles, CA

Masters of Science (MS), Computer Science (CSCI)

May 2016

GPA 3.67/4.0

Relevant Project Work:

- Performed information retrieval by implementing crawling, deduplication, ranking algorithms & visualization of polar datasets (NASA AMD, NSF ACADIS and NSIDC Arctic Data)
Technologies used: Java, Apache services like Nutch, Tika, Solr, CLAVIN, D3.js, Banana, FacetView
- Designed an Android application & a responsive web application using MVC for property search and displaying its details along with the visual rent estimation. Used Facebook to share search results.
Technologies used: HTML, CSS, Bootstrap, PHP, XML, JSON, JavaScript, jQuery, Java, Eclipse, Zillow & Facebook APIs
- Developed USC Tram Support System querying geospatial database to find the nearest USC tram stop using co-ordinates
Technologies used: Oracle SQL Developer, Java, JDBC, Oracle 11, SDO Geometry API
- Programmed an intelligent game playing agent for Mancala game. Implemented greedy, minimax and alpha-beta pruning algorithms to determine the next best state for the current player.
Technologies used: Python
- Designed a one-stop website for all the wedding needs. Created interactive, web-responsive & easy-to-use website enforcing the eight golden rules of a good UI. Some of the features include dresses, wedding destinations, managing guest list, etc.
Technologies used: HTML5, CSS, JavaScript, jQuery, Bootstrap

Guru Gobind Singh Indraprastha University, Delhi, India

Bachelor of Technology, Computer Science & Engineering (CSE)

Jun 2013

82.97% (Top 5%)

Relevant Project Work:

- Performed research work on “Congestion Control using Network-Based Protocol”. Designed a new technique for congestion control by merging Sliding Window Protocol and Leaky Bucket Algorithm
Technologies used: Java, Networking Protocols (TCP/IP)

TECHNICAL SKILLS

Programming languages & Web Technologies: C, C++, Java, PHP, XML, REST, AJAX, JSON, HTML5, CSS3, JavaScript, AngularJS, jQuery. Oracle certified Java programmer & Axelos certified ITIL Foundation in IT Service Management

Operating Systems: Windows 8/10, Ubuntu 14.04, Mac

Databases: MySQL, Microsoft SQL Server, IBM DB2, Oracle 11g (Relational & Geospatial DBs) and XML Databases

Version Control: SVN, Git

PROFESSIONAL EXPERIENCE

Internet Brands, Los Angeles, CA

Sep 2015 – Present

Web Developer Intern

- Working at CarsDirect.com vertical to develop, enhance & improve the usability of the website. Assisting with all the aspects of the product lifecycle in an agile environment using technologies like HTML5, CSS, JavaScript, Groovy, Velocity

NetApp Inc., Sunnyvale, CA

May 2015 – Aug 2015

IT Service Management Intern

- Accounted for infrastructure (IaaS) build requests’ UI web redesign & development for NetApp’s IT service delivery model based on nCloud (Hybrid Cloud) approach, using ServiceNow as an ITSM tool
- Leveraged & configured NetApp’s ServiceNow instance to provide self-service capabilities on the smartphone interface
Technologies used: HTML5, CSS, JavaScript, Bootstrap, AngularJS, ServiceNow, Client Scripts, Macros

Computer Sciences Corporation India Pvt. Ltd., Noida, India

Sep 2013 - Jul 2014

Associate Professional: Application Delivery

- Worked for development, enhancement & support of applications dealing with Enterprise Content Management (ECM) systems. Developed a Java utility “Housekeeping Tool” to incorporate numerous database changes on a single run of a script
- Participated in design documentation & code review sessions. Also actively involved in training new off-shore team members
Technologies used: Java, JavaScript, IBM FileNet P8, IBM DB2, LDAP, Eclipse BIRT Plugin

Defence Scientific Information & Documentation Centre (DESIDOC), Delhi, India

Jun 2012 - Jul 2012

Application Developer, Summer Intern

- Prepared an application-based project on “A Distributed Approach to access E-Resources”
- Designed a web-based proxy server approach to remotely access e-journals and e-publications. Implemented two-way security mechanism to access the proxy-site
Technologies used: PHP, MySQL, XAMPP, Mercury E-Mail plugin

RELEVANT INDEPENDENT PROJECTS

- Developed five Windows Phone Apps (available live on Windows Store) as a part of Microsoft’s DVLUP Challenge