

Deepak Bansal

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EDUCATION

Northeastern University, Boston, MA

College of Computer and Information Science

Candidate for a Master of Science in Computer Science, GPA 3.50/4.0

Related Courses: Programming Design Paradigm, Algorithms, Web Development, Database Management Systems, Robotics Science

September 2016 - present

Expected graduation: December 2018

Ansal University, Gurugram, India

School of Engineering and Technology

Bachelor of Technology in Computer Science and Engineering, GPA 3.51/4.0

Related Courses: Object Oriented Programming, Algorithms, Data Structures, Computer Networks, Operating Systems, Data Mining

June 2016

TECHNICAL KNOWLEDGE

Languages: C, C++, Java, PHP, JavaScript, Python, MATLAB, XML

Systems: Windows, Linux, macOS, Heroku, Amazon AWS, Digital Ocean, Firebase, Google Cloud, OpenShift

Software: Git, MySQL, MongoDB, Apache, Nginx, MEAN, LAMP, MS Office, Shell Scripting, Adobe Creative Cloud

Web Technologies: HTML5, CSS3, SVG, WordPress, Jekyll, JSON, REST, AngularJS, Node.js, Express, Bootstrap, Foundation

WORK EXPERIENCE

Rivigo, Gurugram, India

Software Development Intern

- Developed website for the company using PHP, HTML5, CSS3, SVG Animations and jQuery which in turn helped customers gather useful information reducing workload on customer care center of the company.
- Programmed Business Analytics Dashboard for Fuel & GPS Sensors on Amazon AWS using MongoDB, PHP and JSON reducing major decision-making time based on statistics.

May - June 2015

4play Mobile Solutions, Istanbul, Turkey

Research Assistant

- Developed website for 4play India with CodeIgniter PHP Framework, MySQL and Twitter Bootstrap on Linux cPanel hosting.

February - May 2014

Ansal University, Gurugram, India

Dean's Research Assistant

- Designed, developed and maintained University's website on WordPress and Jekyll while working reducing website load time by 35%.
- Designed school yearbook and brochures for workshops increasing participation in the events. Developed school's Android app.
- Mentored juniors and students from other courses on Blender 3D modelling and Python scripting increasing school internship placements.

October 2013 - April 2014

ACADEMIC PROJECTS

Media Base, Northeastern University, Boston

- Developed a MEAN stack application following MVC pattern which uses *The Movie DB* API which allows users to browse latest movies, sort and filter movies. Users can like movies, critique movies, message other users hosted on Heroku: <https://mediabase.deepakbansal.org>.

May - June 2017

Movie DB, Northeastern University, Boston

- Developed a LAMP stack application which implements different business rules, triggers, functions and procedures of SQL. The application allows users to browse and rate movies, follow/unfollow critics, add movies to favorites. Critics can review movies.

May - June 2017

INTERESTS/ACTIVITIES

- Developed WordPress theme *Intemporel* available on WordPress official repository at URL: <https://wordpress.org/themes/intemporel/>.
- Founding member of start-up under the leadership of Prof. (Dr.) Aynur Ünal, along with four other team members. The team held Digital Monozukuri session at the *2014 IEEE Conference on Norbert Wiener*, Boston, MA and presented papers.
- Acted as Student Delegate at the International Conference on Strategy, Innovation & Technology (2014) jointly organized by Ansal University, India and Valparaiso University, Indiana, US.
- Secured first position in AppsMania 2013 National Android Apps Development Championship zonal round organized by iSec Systems in Association with Robosapiens India title sponsor of Tryst-2013 IIT Delhi.
- Honored with a special prize at "Idea to execution for Entrepreneurs" an initiative by International Business Summit of IIM Ahmedabad (Confluence 2012) and Nurture Talent Academy zonal city workshop.
- Developed plugins for Social Networking PHP Framework Elgg version 1.7x. Plugins were downloaded by over 5000 users.