

# Nishant Chettri

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**Objective** To join at a full-time position and be part of the innovative and collaborative web development team, and provide valuable contribution to both front-end and back-end web solutions.

**Education** **MS in Computer Science | University of Missouri – Columbia | Aug. 2015 – Dec 2017 (Expected)**

- Major: Computer Science, Current GPA 3.7/4.0
- Graduate Research Assistant (Mobile and Web Application Development)

**B.Sc. (Hons.) in Computing | Islington College | Kathmandu, Nepal | Sept. 2010 – Nov. 2013**

- Major: Computing, GPA 3.8/4.0
- Class Valedictorian with First Class Honors

**Related Experience** **Graduate Research Assistant | University of Missouri - Columbia | Sept. 2015 - Present**

- Developing a cross-platform mobile application for Missouri Department of Conservation (MDC) using Phonegap, Cordova, HTML, CSS Bootstrap and SQLite. Enables clerks to efficiently conduct creel (fishing) surveys by moving from paper-based logs to a mobile application speeding the process by several months.
- Implemented a web application for MDC Creel Survey to improve data verification workflow for MDC staff using Object-Oriented PHP, and other front-end web development tools.

**Java Web Developer | Third Pole Connects | Nov. 2013 – Nov. 2014**

- Member of various Scrum teams consisting of 4-6 members to develop Enterprise Resource Planning (ERP) modules for an educational institution using Java within the Struts2 and Spring framework
- After 6 months in, lead the “Report Generator” and “Mass Communication” module development teams. Report Generator developed queries via UI and reports automatically, speeding up the process from 2-3 weeks to 1-2 hours, and Mass Communication module simultaneously sent SMS to all registered students, reducing the process from 2-3 days to 5 minutes.

**Related Coursework** Web Publishing and HTML; Database Management Systems; Advanced Database Systems; Big Data Analytics; Object Oriented Analysis and Design; Cloud Computing; Design and Analysis of Algorithms; Artificial Intelligence; Software Engineering; Project Planning and Management; Operating Systems

**Related Projects** **Aureate Artifacts | Jan. 2016 - May 2016**

- Lead a student group to develop customer and admin web portals for an artifact store using object-oriented PHP, HTML, and JQuery on the front end. Designed and implemented an extensive MySQL database back-end with 30+ tables to manage records, and produce reports for the admin in the front end

**Online Patient Management System for Kasthamandap Dental Clinic | Oct. 2012 – May 2013**

- Individually developed a web application to digitize and automate existing paper-based patient management system for Kasthamandap Dental Clinic, using object-oriented PHP, HTML, CSS and Javascript libraries as the Final Year Project for my undergraduate degree

**Skills** Java Web Development; Object-Oriented PHP; HTML5; MySQL; JQuery; Javascript; CSS; Bootstrap; Amazon Web Services; Apache Cordova; Phonegap;

**Other Activities** **HackIllinois | University of Chicago at Urbana-Champaign | Feb. 2016**

- Developed a cross-platform application (PoliStat) using Google Trends to display political statistics

**Student Academic Representative | Islington College | Nov. 2011- Apr. 2013**

- Mediated student-faculty communications regarding curriculum and teaching standards

**Languages** Nepali (Native), English, and Hindi (Spoken)