

Hemant Kumar Pandey

hemant.pandey@stonybrook.edu | (631) 542-3307 | <https://linkedin.com/in/hemant-pandey>

» Education

Stony Brook University

Aug '16 – Dec '17 (Expected)

Master of Science in Computer Science ▪ New York, USA

Coursework - Operating Systems, Analysis of Algorithms, Artificial Intelligence and Computational Biology.

Maharaja Agrasen Institute of Technology

Aug '12 – Jun '16

Bachelor of Technology in Computer Science & Engineering ▪ Delhi, India

Percentage: 80.75%

Coursework – Artificial Intelligence, Database Management, Applied Mathematics, Computer Networks.

» Technical Skills

Languages: Proficient in Java, C, HTML/CSS, PHP, SQL, Worked with R, Bootstrap.

Other Skills: Microsoft Expression web, Python (Basic), Online Marketing, WordPress, Creative Writing and Blogging, Latex.

» Work Experience

TechSync Consultancy Private Limited

Jun '15 – Aug '15

Summer Internship ▪ Noida, India

- Implemented an online examination portal using Java, PHP and SQL with a team of professional developers as a client based project.

MDIT Services Private Limited

Jun '15 – Jul '15

Summer Internship ▪ Work from Home, India

- Studied and analyzed the popular vulnerabilities in the web applications - SQL Injection, Brute Force Authentication, Captcha etc.

City Prints Limited

Jun '14 – Jul '14

Web Development Internship ▪ New Delhi, India

- Created cityprints.in: The business website using HTML\CSS, JSP and PHP.

Freelance Web Development

Jan '13 – Jan '16

- Developed over 10 websites for different purposes using HTML/CSS, Java, PHP, JSP and MySQL. Few are listed as: cityprints.in, steamaxfuel.com, beingengineer.com etc.
 - <http://hemantportfolio.gdk.mx/>
-

» Academic Projects

Geo Location Based Recommender System

Mar '15 – May '15

- Designed and developed a "Geo Location Based" Recommender System using PHP, Python and Google Map API. (Journal paper) http://ijarcse.com/docs/papers/Volume_6/4_April2016/V6I4-0275.pdf

Vulnerability Assessment and Penetration Testing

Jun '15 – Aug '15

- Made necessary changes in to the code of Damn Vulnerable Web Application (DVWA) to tackle common web vulnerabilities. (Journal paper) <http://indianresearchjournals.com/pdf/IJSSIR/2015/July/25.pdf>

Visualizing and Analyzing Recommender System Algorithms

Jun '15 – Aug '15

- Analysis of filtering algorithms used in Recommender Systems based on two similarity criteria - Cosine Similarity and Pearson's Correlation and visualizing the results using R language.

Grand Auto Travels (A Tourism Portal using Java)

Jun '14 – Aug '14

- Implemented a tourism portal as a part of my college project using JSP, HTML and object oriented concepts of Java.
-

» Certifications

- APTECH certified Web Developer Jul '13
- APTECH certified core Java programmer Jul '14
- EDX and Microsoft certified 'Introduction to R' Jul '15