

Aseem Patni

<http://aseempatni.com>
mailme@aseempatni.com | +91-900.229.5224

EDUCATION

IIT KHARAGPUR

BTECH IN COMPUTER SCIENCE & ENGINEERING

since 2012 | Kharagpur, India

3rd Year Student

Cum. GPA: 8.82/10

HIGH SCHOOL

2012 | Vidya Mandir Sr. Sec. School

All India Senior School Certificate

Examination (CBSE)

Marks: 93.4%

MIDDLE SCHOOL

2010 | DPS Gandhidham

All India Secondary School Examination (CBSE)

Cum. GPA: 9.6/10

LINKS

Github:// [aseempatni](#)

LinkedIn:// [aseempatni](#)

Google+:// [+AseemPatni](#)

COURSEWORK

COMPLETED

Programming & Data Structures

Probability & Statistics

Discrete Structures

Algorithm-I

Software Engineering

Formal Language & Automata Theory

Switching Circuits & Logic Design

IN PROCESS

Machine Learning

Algorithms II

Compilers

Matrix Algebra

Computer Organisation & Architecture

SKILLS

PROGRAMMING

Over 5000 lines:

C • C++ • Java • NodeJS

HTML • CSS • JavaScript

Over 1000 lines:

Python • MongoDB • OpenCV

Familiar:

PHP • \LaTeX • MySQL

Productivity Applications:

Netbeans • Vim • Visual Studio

EXPERIENCE

CONNECTO | SOFTWARE ENGINEERING INTERN

May 2014 – July 2014 | Noida, India

- Worked on Web Crawler in primarily NodeJS & PhantomJS to plan, design and develop full-stack implementation of crawler that can crawl websites in order of million to find out the tools used by these websites as add-ons.
- Prepared an index of such data in MongoDB to find the reverse index of websites using a particular tool
- Did image processing (OpenCV) in Python to analyze the links on the websites for their contrast ratio and density.
- All the code was reviewed, perfected, and pushed to production on Cloud.

PROJECTS

CASE TOOL | COMPUTER AIDED SOFTWARE ENGINEERING TOOL

February 2014 - April 2014 | IIT Kharagpur

- Developed a tool in Java for automating various activities associated with structured software analysis and design supporting a graphical interface.
- It supports creation, editing and printing of Hierarchical Data Flow Diagrams, automatic creation of data dictionary and determination of balancing errors.

KIBITZ | AN INTERACTIVE CHAT APPLICATION

March 2013 | Yahoo India

- Implemented a web based interactive chat application (in 24-hrs) that gives real time feeds of related content (news, videos, etc) from around the web based on the content of the chat.
- Got selected as Crew's Favourite in HackU by Yahoo India.

NOTIFICADORES | ALL-IN-ONE NOTIFICATION APPLICATION

September 2013 | Microsoft

Developed an all-in-one notification application (Microsoft Windows Store) that collects data from various social networks (also RSS) and presents them in a simple interface. Made in 24 hours under the Microsoft's project Code.Fun.Do

ACHIEVEMENTS

- 2014 Among **top 100/25k** in Google Code Jam, Qualification Round
- 2013 Made an app for Microsoft Windows Store in Code.Fun.Do
- 2013 Selected **Crew's Favourite** in hackathon HackU by Yahoo India
- 2012 Shortlisted for Aditya Birla Scholarship for meritorious performance. was among **top 32** students from the best engineering colleges of India.
- 2012 **All India Rank 315** /5 lakh in IIT-Joint Entrance Examination
- 2011 Selected among **top 300** students of India for Indian National Chemistry Olympiad (INChO)
- 2004 Macmillan High Distinction in IAIS (International Assessment for Indian Schools) Mathematics. Was among the **top 5** students of India.

EXTRA ACADEMIC ACTIVITIES

- Jul 2012 - Apr 2014: National Sports Organization - Health & Physical Fitness
- 2013 1st Fresher's Instrumentals
- 2014 3rd (Team) Inter Hall Ad Design Competition
- 2012 2nd (Group) Inter-Hall Eastern Vocals