Sagar Pandey

Curriculum Vitae

PERSONAL DETAILS

Birth	July 29, 1992
Address	D-201, SriRam Samruddhi Apartments, Varthur Road, Thubarahalli, Bangalore, 560037
Phone	+91 8723034143, +91 8953779216
Mail	sagarinocean@gmail.com,aigeano@gmail.com

EDUCATION

Bachelors of Technology *Assam University*   `2011-2015`

4 years programme in Information Technology. CGPA: 6.4

Senior Secondary   `2009-2010`

Little Flower School, Gorakhpur, U.P ISC

board with 80 percentage

PROJECTS AND EXPERIENCE

Software Developer   `July-Aug 2015`

Obsessory, Bangalore

Built Obsessory's Recommendation Engine from Scratch , Handled Data Processing and manipulation pipeline.

Software Developer Intern   `Sept-Oct2014`

Obsessory, Bangalore

Worked on Large Data Feeds for Feature Extraction, NLP, Text Processing, Image Compression and Optimization and Built Obsessory's Internal Wiki.

Project Major   `Feb- May 2015`

Contextual Hybrid Recommendation Engine

Design and Implementation of a contextual hybrid recommendation engine through extraction and analysis of Blog Data.

OPEN SOURCE CONTRIBUTION

Summaly   `July, 2014`

Open Source, Self project,url: https://pypi.python.org/pypi/Summaly/1.0

A python Package that parses, scrapes, and **summarizes** a Wikipedia Article.

Technologies: Python, BeautifulSoup, Natural Language Processing(nltk), Scraping

mozilla/b2ghaystack   July, 2014

Open Source, Mentor: Dave Hunt(dave.hunt@gmail.com) url;
    https://github.com/aigeano/b2ghaystack
   Contributed by fixing the bug (bugid : 1042112) on bugzilla. Developed a feature which enabled b2ghaystack to optionally take arguments from a configuration file

mozilla/orangefactor   August, 2014

Open Source, Mentor: Ed Morley(eddmorley@mozilla.com)
     url: http://hg.mozilla.org/automation/orangefactor/rev/aea03f25712
   Contributed by fixing the bug (bugid : 1034395) on bugzilla. Developed a feature which enabled orangefactor to optionally override the default configuration

Mini Search Engine   June, 2014

Open Source, Self project ,url; https://github.com/aigeano/mini search engine
     Built an efficient mini search engine working around raw Wikipedia data (including indexing and ranking of the pages).
   Technologies – C++, Python.

Translator   June, 2014

Open Source, Self project,url: https://github.com/aigeano/translator
     A python script to fetch a suitable definition and convert a given text into 10+ languages simultaneously. Technologies: Python, json , api

Train Tracker   July, 2013

Hackathon,url: https://github.com/wenderen/train-tracker
     Built a website that accepts a PNR number and returns real-time data about the upcoming train station (distance, time left, weather forecast, emergency numbers) to train travellers
   Technologies: Ruby, json , api

ACHIEVEMENTS

Winner of the TECHSPARK HACKATHON 2014   Oct, 2014

For building an application called RTPI(Right to Provide Information) which tracks development of Government projects online thorugh a Image Timeline.

Featured on YourStory Techie Tuesdays   14 July, 2013

Featured solo on "Techie Tuesdays " on YourStory .Link:
http://yourstory.com/2014/10/techietuesdays-sagar-pandey/

Was Awarded the "BEST TECHNICAL HACK "   14 July, 2013

For the app 'Train Tracker' In YAHOO! Hack India 2013 , Hyderabad

SKILLS

Operating Systems	GNU/Linux(moderate), Windows(basic)
Programming Languages	C(moderate), C++(advanced), Python(advanced), Java()
Scripting Languages	Python(advanced),Bash(basic),PHP(basic), Javascript(basic)
Internet Technologies	HTML(moderate), CSS(basic)
Liberaries API	BeautiifulSoup(python), nltk(python), rapidxml(C++), boost(C++)
Frameworks	Web2py, Django
DBMS	MySQL
Programming Environment Software	VIM(advanced), Eclipse(basic)
Version Control	Git, Mercurial

INTERESTS

Information Retrieval and Extraction
 Web Scraping NLP ,
 Machine Learning

MISCELLANEOUS

I regularly participate in various kinds of programming contests.I also actively contribute to Open Source(https://github.com/aigeano) which has given me a very good insight into Information Technology and computer science apart from course academics. I was involved in several programmes like Firefox Student Ambassador. I was also an active participant and organizer in various internal competitions within college (as the Club Lead of Firefox Club , AUS and the Student Head of the Web and Coding Club, AUS).