KESHAV NAGPAL

Versatile

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🔗 Projects: https://keshavnagpal.github.io

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📍 N-18/A-2 , Dilshad Garden , Delhi

EXPERIENCE

Innovation Intern

Gravity Consulting Pty Ltd.

📅 June 2016 - Aug 2016   📍 Bengaluru

http://www.gravityconsulting.com.au

- It was an immense experience for me to work in the innovation department of gravity consulting Pty Ltd. During my internship i was assigned to make several tech. demos and Proof of Concepts for different functionalities.
- Tech. involved but not limited to D3js, Processing, NLP, Adobe Illustrator scripting and other web technologies.

COURSES

Python Programming

Learned basic concepts of python language from University of Toronto's online course.

Django 1.9 Framework

Introductory course of back-end programming using Django framework from Udemy.

Web design

HTML, CSS, JavaScript and Materialize Framework to implement google's material design in basic web interfaces.

Processing & P5.js

Learned how to code under processing environment and P5.js by following a tutorial series by Daniel Shiffman.

EDUCATION

B.tech Information Technology

GURU TEGH BAHADUR INSTITUTE OF TECHNOLOGY

📅 Aug 2013 - ongoing   📍 Delhi

%
74.4 / 100

Science 12th

HANSRAJ SMARAK SR. SEC. SCHOOL (CBSE)

📅 Apr 2012 - Mar 2013   📍 Delhi

%
81 / 100

10th

HANSRAJ SMARAK SR. SEC. SCHOOL (CBSE)

📅 Apr 2010 - Mar 2011   📍 Delhi

CGPA
9.6 / 10

SKILLS

Python

Web Design and Development

C/C++

Java

SQLite

Data Driven Documents

AWARDS & HONORS

🏆 **Awarded a memento at IIT Delhi**

A memento for performing in inspire science camp at IIT Delhi.

OTHER INTERESTS

🎵 **Music | Movies**

🧍 **Human Behaviour**

💡 **Theoretical Physics**

🖥 **Playing T.T. | CS: GO | Carrom**

PROJECTS

Automated Surveillance System

🗓 Sep 2016 - Nov 2016

🔗 https://github.com/keshavnagpal/Motion-Detection

In this project surveillance system is automated using motion detection technique in live video processing. An ordinary camera was used to capture live video stream and then that stream is processed using frame difference method to detect motion in the current frame.

- It trigger alarm whenever motion is detected in a live video stream from the security camera.
- It also save pictures of the crime scene in every 2 seconds after the motion is detected.
- Technologies used in making this project - Java and Processing environment.

Natural Language Processing

🗓 July 2015 - Aug 2016

🔗 https://keshavnagpal.github.io/nlp

Objective of this project was to create a voice enabled user interface where user can perform interactions using voice queries in natural language. Interface will take voice query as input and process that query provided in natural language to show desired outcome based on that query.

- Using NLP user interfaces can be made more friendly and intuitive and Computer interactions can be made more human.
- Technologies used in making this project - JavaScript, HTML, CSS and Python.

Project Showcase

🗓 2016 - ongoing

🔗 https://keshavnagpal.github.io

A project showcase for all my projects which are having web user interface.

- Made using HTML, CSS, JavaScript and Materialize framework.