

# Saurav Pandey

## Python Developer/ Data Analyst

An enthusiastic Python Developer with solid experience and sublime research skills. Believer of out-of-the-box approach with great passion for analyzing data to trace out impactful real-life implications.

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## WORK EXPERIENCE

### Python Developer/ Data Analyst

Rooster Logic Pvt. Ltd. [↗](#)

05/2018 – 06/2019

Gairidhara, Kathmandu

*Achievements/Tasks*

- Web Development via Flask Framework
- Data Analysis and Visualization
- Machine Learning and Blockchain

### Assistant-Lecturer

Institute Of Engineering, Thapathali

Campus [↗](#)

11/2018 – 04/2019

Thapathali, Kathmandu

*Achievements/Tasks*

- Actively engaged in teaching C Programming
- Supervising Lab Projects on C Programming

*Contact:* Er. Umesh Kant Ghimire – [umesh@tcioe.edu.np](mailto:umesh@tcioe.edu.np)

### Creative Designer(Intern)

View9 Pvt. Ltd.

12/2017 – 03/2018

Anamnagar, Kathmandu

*Achievements/Tasks*

- UI designs for WebApps
- Creative Branding
- Brochures designs using Material Design Concepts

## EDUCATION

### BE, Electronics and Communication

Institute Of Engineering, Thapathali Campus

2013 – 2017

Thapathali, Kathmandu

*Grade*

- First Division
- ECAST(Electronics Community Amidst Students' of Thapathali): President (2016-2017)

+2

Pentagon International College

2012 – 2013

Tinkune, Kathmandu

*Grade*

- Distinction

## KEY SKILLS

Python Programming

Scrapping

Flask

Linux

RegEx

Shell Scripts

MongoDB

Pandas

Visualization:Matplotlib/Seaborn

HTML

JavaScript

SQL

Public Speaking

Numpy

## PROJECT HIGHLIGHTS

Top News(Nepal) (11/2018 – 01/2019) [↗](#)

- Role: Backend Developer
- Data Scrapping using BeautifulSoup and RegEx
- Document Term using tf-idf vectorizer
- Flask API's for Android application

Anomaly Based Intrusion Detection System (10/2017)

- Role: Data Analyst
- Used pandas, sci-kit learn and matplotlib
- Performed feature selection of huge KDD dataset
- Applied KNN to train our model

Karuna Foundation MIS (01/2019 – 05/2019)

- Role: Backend Developer
- Python-Flask as Web Framework(Frontend)
- JavaScript, HTML, CSS(Backend)
- MongoDB as database
- Dashboard using HighCharts

Supply-Chain Tracking (06/2018 – 09/2018)

- Role: Core-Developer
- Used Proof-Of-Work Consensus algorithm
- MongoDB query
- Flask for Webapp and API for android application

## PUBLICATIONS

Blockchain in Handicraft Supplychain Management (2019)

*2nd Himalayan Conference on Advanced Engineering and ICT Convergence - Due for Publication*

Anomaly Based Intrusion Detection System (2019)

*Published in Annual Journal of Institute Of Engineering, Thapathali Campus*