

Shrut Patel

shrutpatel10@gmail.com | +91-9712951201

EDUCATION

BITS PILANI

BE (HONS.) COMPUTER SCIENCE

Minor in Finance

Expected May 2019 | Goa, India

SKILLS

Programming Languages

Python • Java • MySQL • Bash

HTML5/CSS3/JS • C/C++

Frameworks/Tools

django • git • GCP

sklearn • pandas • numpy

d3.js/plotly • Hadoop

Keras • Tensorflow

Operating Systems

Linux • Windows

LINKS

[Github](#)

[LinkedIn](#)

[Kaggle](#)

[Personal](#)

CERTIFICATIONS

Machine Learning

Deep Learning Specialization

Hadoop Platform and Application

Framework

ACTIVITIES

University Cricket Team

Mobile Applications Club

Computer Graphics Club

EXPERIENCE

AMERICAN EXPRESS | RESEARCH INTERN, BIG DATA LABS

July 2018 – Dec 2018 | Bangalore, India

- Created a scalable text analytics platform to enhance customer understanding through descriptive and predictive modelling.
- The tool provides an exhaustive end-to-end solution, from exploratory data analysis to measuring data quality and then running machine learning/deep learning algorithms on enterprise unstructured textual data.
- Devised a methodology to recommend algorithms based on data quality which has immensely saved time while increasing efficiency

BITS PILANI | TEACHING ASSISTANT

July 2017 - Present | Goa, India

- Formulated problem statements that inculcate system design principles, provided documented skeleton code and created test suites for the weekly labs in the courses Object-Oriented Programming, Database Systems, and Computer Networks.
- Engaged in tutoring and evaluating students enrolled in the courses.

INFIBEAM | SOFTWARE ENGINEERING INTERN

May 2017 – July 2017 | Ahmedabad, India

- Developed an application regarding personalized health care services alongside an agile development team.
- Involved in the full-stack development of the project and responsible for collaborating with an android team to configure a common database server.
- Gained experience using the Django Framework, Google Cloud Platform and REST services.

CREDIT SUISSE | WORK EXPERIENCE

May 2016 – June 2016 | London, UK

- Joined the Investment Portfolio and Analytics Team within the Group COO Function.
- Performed Data Analysis, Team Management Presentations, Document Reviews, Stakeholder Management and Internal Research Projects.

KEY PROJECTS

PORTIMIZE

A portfolio optimization tool that utilizes time series forecasting boosted with sequence models (LSTM)

SPAM DETECTOR

A software to detect spam mails through URL classifications combined with a bayesian approach on the content

CACHE DESIGN

Implemented a set-associative way halting cache in verilog with write-back and LRU counter policies

PARSERS

Designed Lexical and Syntactical Parsers using GNU Flex and Yacc, respectively