Shrut Patel

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EDUCATION

BITS PILANI
BE (Hons.) Computer Science
Minor in Finance
Expected May 2019 | Goa, India
CGPA: 8 / 10

SKILLS

PROGRAMMING
Languages
Java • Python • C • Bash
HTML5/CSS3 • JavaScript • MySQL
Frameworks/Tools
Django • keras •
git • tensorflow • pandas •
GCP • scikit-learn
Operating Systems
Linux • Windows

COURSEWORK

UNDERGRADUATE
Operating Systems
Object-Oriented Programming
Database Systems
Computer Networks
Data Structures and Algorithms
Linear Algebra
Probability and Statistics
Machine Learning (Coursera)
Deep Learning (Coursera)
Security Analysis and Portfolio
Management
Derivatives and Risk Management

LINKS

Github
LinkedIn
Quora
Personal

EXPERIENCE

AMERICAN EXPRESS | Data Science Intern
July 2018 – Present | Bengaluru, India
- Deep learning/unsupervised learning in text analytics

BITS PILANI | Teaching Assistant
June 2017 – May 2018 | Goa, India
- Creation and conduction of the weekly labs for two courses: Object Oriented Programming (Java) and Database Systems(SQL).
- The work involved formulating problem statements, documentation, guiding and evaluating students.

INIFBEAM.COM | Software Developer Intern
May 2017 – July 2017 | Ahmedabad, India
- Created an application based on personalized health care services where I was involved in the full-stack development of the project following the Agile methodology.
- Part of the work also involved collaborating with an android team to share a common datastore. Gained experience using the Django Web Framework, GCP and RESTful API.

CREDIT SUISSE | Summer Intern
May 2016 – June 2016 | London, UK
- Joined the Investment Portfolio and Analytics Team within the Group COO Function. Developed a strong understanding of Investment Portfolio Management, strategic planning and the regulatory impact on a bank's change delivery capability.
- Responsibilities included: Group Change Governance Support, Data Analysis, Team Management Presentations, Document Reviews, Stakeholder Management and Internal Research Projects.

PROJECTS

PORTIMIZE
A neural networks-boosted portfolio optimizer created under the guidance of Dr. Mayank Goel.

SPAM DETECTOR
Created a spam-mail detector through text classification, header and URL analysis alongside Prof Sanjay Sahay

ACHIEVEMENTS

| 2017 | top 50 | All-India Finals FinTech Hackathon |
| 2015 | 10th rank | International Mathematics Olympiad (IMO) |