

Shrut Patel

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EDUCATION

BITS PILANI

BE (HONS.) COMPUTER SCIENCE

Expected May 2019 | Goa, India

Minor in Finance

CGPA: 8.17 / 10

SKILLS

PROGRAMMING

Languages

Java • Python • C • HTML5

CSS3 • Bash • MySQL • Assembly

Frameworks/Tools

Django • Google Cloud Platform •

git • pandas • scikit-learn

Operating Systems

Linux • Windows

COURSEWORK

UNDERGRADUATE

Operating Systems

Theory of Computation

Object-Oriented Programming

Database Systems

Computer Networks

Data Structures and Algorithms

Linear Algebra

Probability and Statistics

Machine Learning (Coursera)

Security Analysis and Portfolio

Management

Derivatives and Risk Management

LINKS

[Github](#)

[LinkedIn](#)

[Quora](#)

EXPERIENCE

BITS PILANI | UNDERGRADUATE TEACHING ASSISTANT

August 2017 – Present | Goa, India

- Creation and Conduction of the Weekly Labs for the courses Object Oriented Programming in Java and Database Systems.
- The work involved formulating problem statements, testing, documentation and guiding students.

INIFBEAM.COM | SOFTWARE ENGINEERING INTERN

May 2017 – July 2017 | Ahmedabad, India

- Developed a web application on personalized health care with an aim to provide local medical institutions efficient solutions to their daily operations.
- I was involved in the full-stack development of the project collaborating with an android team to create and share a single database using the 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.

RELEVANT PROJECTS

PORTIMIZE

Creating a portfolio optimizer using neural networks under the guidance of Dr. Mayank Goel.

PHISHING DETECTOR

Worked with Prof Sanjay Sahay to create a phishing detector that learns from inbox emails by using the body content and links provided for classification.

ACHIEVEMENTS

2017 top 50

All-India Finals FinTech Hackathon

2014 10th rank

International Mathematics Olympiad (IMO)