

Siddhant Khandelwal

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EDUCATION

BITS PILANI

BE (HONS.)

COMPUTER SCIENCE

August 2021 | Pilani, Rajasthan

PDP SCHOOL

CLASS XII

May 2016 | Delhi

LINKS

Github:// [siddhantkhandelwal](#)

LinkedIn:// [siddhantkhandelwal](#)

COURSEWORK

Data Structures Algorithms

Object Oriented Programming

Database Systems

Logic in Computer Science

Discrete Structures in CS

Probability Statistics

Differential Equations

Digital Design

Microprocessors & Interfacing

SKILLS

INTERESTS

- Machine Learning
- Web Development

PROGRAMMING

- C++ • C • Python • JavaScript
- Core Java

LIBRARIES & TOOLS

- Keras • Tensorflow • Scikit-learn
- Node.JS • Django • React.JS
- Git

SCHOLARSHIPS

MERIT-CUM-NEED

August 2017 – Present

40% Scholarship on tuition fee
on the basis of Merit

EXPERIENCE

C-DIT | SUMMER INTERN

May 2019 – July 2019 | Thiruvananthapuram, Kerala

- Built a web-portal facilitating the verification process of examination candidates with Bio-metric data using Node.js, MySQL, React.JS, Git
- To be utilised in examination by Kerala Public Services Commission
- Reduces the overall verification process time by 25%

PROJECTS

STOCK MARKET SIMULATION

Jan 2019 – Mar 2019 | APOGEE 2019

- Developed a web-app based game modelled on trading in Stock Markets relying on real-time stock prices using Django, JavaScript PostgreSQL
- Witnessed close to 500 participants both in preliminary and final rounds, an increase of around 25% over the previous edition

HYBRID APPROACH TO PREDICTIVE CLAIM ANALYSIS

Oct 2018 – Jan 2019 | Bengalathon, Kolkata

- Designed and implemented a model that determines the probability of a customer filing a vehicle insurance claim achieving an accuracy of 80%
- Leveraged knowledge in Keras, Tensorflow, Django, React.JS, Scikit-learn

PAPER PRESENTATION PORTAL

Sep 2018 – Mar 2019 | DoPEP, BITS Pilani

- Deployed a web-portal that handles registration, submission of papers, status and feedback views for participants and judges using Django, MySQL, React.JS
- The web-portal catered to over 500 participants and 50 professors. It reduced the processing time by 50%

COMPETITIONS

APOGEE 2019	1st Position	Hybrid Approach to Predictive Claim Analysis
Bengalathon 2019	All India Top 18	Hybrid Approach to Predictive Claim Analysis

POSITIONS OF RESPONSIBILITY

BITS ACM | VICE CHAIR

August 2019 – Present | BITS Pilani

- Leading a team of 40 talented people with interests and experiences in fields ranging from Data Science to Digital Electronics
- Improved audience engagement in ACM SIG Lectures by over 50% by engaging faculty and students

EXTRA CURRICULAR ACTIVITIES

OPEN SOURCE SOFTWARE CONTRIBUTIONS

Identified and resolved integrity issues in backend codebase for organisations like Oppia Foundation, Coala

GROUP LEADER | PAPER PRESENTATION TEAM

Department of Paper Evaluation Presentation

Co-ordinated a team of 20 motivated individuals, guiding them to achieve increased participation in Paper Presentation Event held in APOGEE 2019 by over 50%.