

Siddhant Khandelwal

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EDUCATION

BITS PILANI

B.E. (HONS.)

COMPUTER SCIENCE

August 2021 | Pilani, Rajasthan

PDP SCHOOL

CLASS XII

May 2016 | Delhi

LINKS

Github:// [siddhantkhandelwal](#)

LinkedIn:// [siddhantkhandelwal](#)

COURSEWORK

Data Structures Algorithms
Neural Networks & Fuzzy Logic
Operating Systems
Object Oriented Programming
Database Systems
Logic in Computer Science
Discrete Structures in CS
Probability Statistics
Differential Equations
Digital Design
Microprocessors & Interfacing
Computer Architecture

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 Merit

EXPERIENCE

C-DIT, GOVT. OF KERALA | 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
- Being utilized in examinations by Kerala Public Services Commission
- Reduced the overall verification process time overhead 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
- Doubled audience engagement in ACM SIG Lectures 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%.