Siddhant Khandelwal

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EDUCATION

BITS PILANI
B.E. (Hons.)
Computer Science
August 2021 | Pilani, Rajasthan
Junior Year

COURSEWORK

Data Structures Algorithms
Design & Analysis of Algorithms
Compiler Construction
Computer Networks
Operating Systems
Object Oriented Programming
Database Systems
Neural Networks & Fuzzy Logic
Information Retrieval
Image Processing
Logic in Computer Science
Discrete Structures in CS
Probability Statistics
Differential Equations
Digital Design
Microprocessors & Interfacing
Computer Architecture

SOCIAL

Github:// **siddhantkhandelwal**
LinkedIn:// **siddhantkhandelwal**

TECHNICAL SKILLS

PROGRAMMING
• C++ • C • Python • JavaScript
• Core Java

LIBRARIES & TOOLS
• Keras • Tensorflow • Scikit-learn
• Node.js • Django • React.js
• Git

CLOUD SERVICES
• AWS Lambda • AWS S3 • AWS SES

SCHOLARSHIP

MERIT-CUM-NEED
August 2017 – Present
40% Scholarship on Merit

EXPERIENCE

PUBLICIS SAPIENT | SDE Intern
May 2020 - June 2020 | Gurugram
- Built a web-portal facilitating the interview scheduling process for Hiring team using Node.js, MySQL, React.js, AWS Lambda, AWS S3, Git
- Being utilized in hiring by Hiring Team, Publicis Sapient
- Reduced the overall scheduling process time overhead by 50%

PROJECTS

ERPLAG COMPILER
January 2020 - Present | Compiler Construction Course
- Developed compiler for toy language ERPLAG including code generation module using C.
- Improved performance in code generation by optimization.
- Utilised knowledge in Data Structures and Theory of Computation in construction.

SCENE CHANGE DETECTION
August 2019 - Present | MapMyIndia
- Developing a Deep Learning model to detect changes in physical locations from moving car images.
- Working under the guidance of Prof. Kamlesh Tiwari and MapMyIndia.

STOCK MARKET SIMULATION
December 2019 - March 2020
- 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

POSITIONS OF RESPONSIBILITY

BITS ACM | Vice Chair
August 2019 – Present | BITS ACM
- 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%.