

SIDDHANT KHANDELWAL

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EDUCATION

Birla Institute of Technology & Science, Pilani
B.E. (Hons.) Computer Science
Department of Computer Science & Information Systems

August 2017 - May 2021
CGPA: 7.77/10

WORK EXPERIENCE

Samsung R&D Institute India
Software Engineer

June 2021 - Present
Bangalore

- Working on Image Enhancement - Shadow Detection & Removal in the Visual Intelligence Team

A-EYE Softlabs Pvt. Ltd.
Product Intern

April 2021 - June 2021
Hyderabad

- Built an Intelligent Traffic Management System web app for Hyderabad Police Commissionerate.
- The system supports real-time traffic violations detection using Computer Vision algorithms.
- Leveraged knowledge in Tensorflow, Keras, React.js, Python, Flask, AWS and MongoDB

Publicis Sapient
Software Engineering Intern

May 2020 - June 2020
Bangalore

- 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
Compiler Construction Course

January 2020 - May 2020

- Developed compiler for toy language ERPLAG including code generation module using C, Assembly.
- Improved performance in code generation by optimization.
- Utilised knowledge in Data Structures and Theory of Computation in construction.

Image Enhancement (Deblurring) GAN
Neural Networks & Fuzzy Logic Course

August 2019 - December 2019

- Implemented Deblurring GAN architecture using Tensorflow, Keras API, Python.
- Designed Implemented a custom Deep Neural Network architecture comparing the advantages of the GAN approach to deblur images.
- Open-sourced implementation on Github under the guidance of Prof. Surekha Bhanot.

EXTRA-CURRICULAR

Lead the BITS-ACM student club as Vice-Chair. BITS ACM student chapter has 70 core team members and has nurtured more than 650 alumni since its inception in 2008. Organized multiple faculty-student interactions, hackathons and workshops by professionals working at Cisco, IBM USA.