Siddharth Batra

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EDUCATION

JIIT NOIDA
B.Tech in Computer Science
June 2021 | Noida, India
CGPA: 7.9 / 10.0

SENIOR SECONDARY
Indraprastha International School
Grad. May 2016| Delhi, India
$XII^{th} Marks : 92.4\%$
$X^{th} Marks : 92.1\%$

LINKS

Github:// **darksun27**
LinkedIn:// **darksun27**
Twitter:// **@darksun2798**

COURSEWORK

UNDERGRADUATE
Algorithms and Problem Solving
Operating Systems
Computer Networks
Computer Organisation and Architecture
Artificial Intelligence
Fuzzy Logic and Neural Networks
Blockchain
Data and Web Mining
Unix Tools and Scripting

SKILLS

PROGRAMMING
Proficient:
•C/C++ • Python • Javascript
• SQL • Git• Arduino
• HTML|CSS • LaTeX

Familiar:
• Matlab • PHP • Assembly

FRAMEWORKS/LIBRARIES
•NodeJS •Electron •ReactJS
•ExpressJS•Flask

TECHNOLOGIES
•Machine Learning•Blockchain•Full Stack Web Development

EXPERIENCE

BITS PILANI | Research Intern
April 9 - July 15 | India
- Developed a Blockchain based crowdsourcing framework for farmers.
- Used machine learning for classification of plant diseases with an accuracy of **95%**.
- Full-stack developer - Wrote the Machine Learning model in Python with JavaScript for Frontend and Solidity for Smart Contract

CAMPK12 | Live Instructor
March 2020 – June 2020 | Work From Home
- Taught programming to more the **50** K-12 kids.
- Teaching mostly included **JavaScript** and **Python**.

CAMPK12 | Software Engineering Intern
June 2019 – Aug 2019 | Gurgaon, India
- Co-developed a learning game using Javascript.
- Developed algorithm to randomly generate new questions based on fundamental programming skills.

OPEN SOURCE CONTRIBUTIONS
- **Oppia** Contributions: See Contributions.
- **Public Lab** Contributions: See Contributions.
- **OSDC** is the the open source Development Community of JIIT Noida. Core Team Member. Hosting workshops and Hackathons with over a **100** participants.

PROJECTS

DIABETIC RETINOPATHY DETECTION Jul 2019 – Dec 2019

- Created a mobile application for detection of Diabetic Retinopathy in patients suffering from diabetes. Used React Native for building the application.
- For the back-end, used Flask for making the APIs and CNN for the detection of the disease. The dataset for the training was available for public use.
- Link: Diabetic Retinopathy Repository

CHROME EXTENSION FOR DYSLEXIC PEOPLE June 2019 – July 2020

- This project aims to provide ease of access in reading and understanding the content of the webpage.
- This extension provides the user to change the font of the webpage to OpenDyslexic, change the font size and change the color of the background according to their preferences.
- Link: Chrome Extension Repository

MORE COURSE RELATED PROJECTS Link