Prakhar Lohiya

Ph: (+91) 9589776209 :: plohiya97@gmail.com
https://www.linkedin.com/in/prakharlohiya/

EDUCATION

Vellore Institute of Technology, Vellore, TN, India   **2016 - 2020**
Bachelor of Technology, Computer Science and Engineering
CGPA: 8.61/10

AISSCE (12th Standard)   **2015**
DAV Public School, Kota, Rajasthan
Percent: 84.6%

10th CBSE Board   **2013**
Krishna Public School, Bhilai, C.G
CGPA: 10/10

PROFESSIONAL HISTORY

IntersectIQ
Senior Associate - AI Platforms   **01/2021 - present**

- *Heading team of multiple AI developers, created highly custom AI models for heavy industries helping them enhance security, safety and productivity.*

- *Lead multiple site visits to various fortune 500s including Asia's biggest steel manufacturer, US'a biggest steel manufacturer for digitization of their manufacturing units using Machine Learning and Computer Vision and ultimately secured the projects*

- *Created a truly agile workflow development*

Product Engineer-Digital   **06/2020 - 01/2021**
   - developed multiple AI models for Industry 4.0 solutions for worlds biggest steel, cement and healthcare industries.
   - developed the whole platform as "Edge on AI" using state of the art edge boxes by Intel Platform as well as NVIDIA Jetson Series
   - headed multiple teams working on Android, ReactJS and DevOps.
   - built the company website
   https://intersectiq.com/

United Nation Online Volunteering- Noble Missions, Nigeria   **01/2020 - 06/2020**
Developer
   - developing a website to provide young adults with job opportunities and a chance to grow their skills
   https://tarlent-2.firebaseapp.com/

Globussoft Technologies Pvt. Ltd.   **06/2019 - 07/2019**
Summer Intern (JAVA)
   - developed a placement cell for a local university

| **Chhattisgarh Software Solutions** | 05/2018 - 07/2018 |

Summer Intern
- worked on automated Net Income Tax list for Municipal
Corporation

EXTRACURRICULAR ACTIVITIES

| **SPE VIT Student Chapter,** VIT Vellore | 12/2017 - 12/2018 |

Vice Chairman
- coordinated all the workshops and events
- web Developer and headed Data Science Team and projects
Team
https://spe-vit.web.app/

| **SPE Cares,** VIT Vellore | 2018 - present |

Founder
- focusing of SDG 4 & SDG 2
- conducted various food drives for the underprivileged society
- organized science camps in rural areas

| **Technoscape International Conference,** VIT Vellore | 2018 |

Organizer
- full stack developer
- headed the student management body
https://technoscape18.web.app/

| **AIESEC,** VIT, Vellore | 01/2018 - 06/2018 |

Team Leader
- headed the team responsible for raising awareness about
the global cultural exchanges

| **AIESEC Central South University,** Changsha, China | 11/2016-12/2016 |

Global Volunteer/ Exchange Participant (6 weeks)
- taught primary Student Maths, English & Science
- conducted survey in the campus of Central South University,
Changsha, China
- conducted cleanliness drives

HONORS & AWARDS

| **G.D. Naidu Young Scientist Award**, VIT Vellore | 09/2019 |

For developing a novel software that lets disabled people control
a smart device fusing eyes for which a unique GUI was also designed

PUBLICATIONS & PATENTS

| **GUI based eye tracking for disabled people using Viola-Jones Algorithm and Hough Transform** | 05/2020 |

Prakhar Lohiya, Patent issuer and number: in 202041020271

| **Journal of Computational and Theoretical Nanoscience** | 08/2018 |

G. Harika, **_Lohiya P_**., Gugale A.,"Travel Buddy — A Carpooling App: A System Designed to Group Students for Sharing a Cab", Volume 15, Number 8, August 2018

SKILLS AND CERTIFICATION

Cluster Analysis in Data Mining   **03/2019**
offered by University of Illinois at Urbana- Champaign

Neural Network and Deep Learning   **03/2019**
offered by deeplearning.ai

Proficient in Java, Matlab, Python, HTML, CSS, JavaScript, PHP, MySQL, R, C, C++, React JS, AWS
CV Frameworks: Keras, Caffe, YOLOv3, PyTorch, Tensor flow, OpenCV, CUDA, OpenVino
Edge Hardwares: Jetson Nano/NX/AGX, Intel
Languages: Hindi (*Native*), English (*2nd Language*), Sanskrit (*5 years*), French (*Beginner*)