



# ALBERT MUNDU

MTech - PhD

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 Allahabad, Uttar Pradesh  Indian Citizen

Pursuing PhD in the area of computer vision under the supervision of Dr. Satish Kumar Singh, Associate Professor, IIIT Allahabad.

## PROFESSIONAL EXPERIENCE

December 2021 August 2016	<b>Teaching Assistant, DEPARTMENT OF IT, IIIT Allahabad</b> <ul style="list-style-type: none"><li>&gt; Visual Recognition</li><li>&gt; Deep Learning</li><li>&gt; Computer Architecture &amp; Organization</li><li>&gt; Image &amp; Video Processing</li><li>&gt; Data Compression</li><li>&gt; Computer Graphics</li></ul> <div>PyTorchMatlabC/C++OpenGLCUDA</div>
June 2016 September 2015	<b>Technical Assistant, DEPARTMENT OF COMPUTER SCIENCE &amp; ENGINEERING, NIT Silchar</b> <p>In-Charge of Organizing &amp; Teaching in the labs for the following subjects -</p> <ul style="list-style-type: none"><li>&gt; Operating Systems</li><li>&gt; Data Structures</li><li>&gt; Computer Networks</li><li>&gt; Programming in C</li></ul> <div>CPythonPOSIX</div>
September 2015 October 2014	<b>Project Engineer, DEPARTMENT OF ELECTRONICS &amp; COMMUNICATIONS, NIT Silchar</b> <p>Worked on the project titled “Development of Speech-based Multi-level Person Autentication System”</p> <ul style="list-style-type: none"><li>&gt; Supervised by Dr. Rabul Hussain, Associate Professor, Department of ECE, NIT Silchar</li><li>&gt; In collaboration with IIT - Guwahati, NEHU - Meghalaya</li><li>&gt; Funded by DeitY, Government of India</li></ul> <div>C++PythonJavaMatlab</div>

## PUBLICATIONS

- 2021 Vishal Kumar\*, **Albert Mundu\***, Satish Kumar Singh, “Scene Graph Generation with Geometric Context”, 6th IAPR International Conference on Computer Vision & Image Processing, 2021

## EDUCATION

Present July 2016	<b>MTech - PhD, DEPARTMENT OF IT, IIIT Allahabad</b> <ul style="list-style-type: none"><li>&gt; MTech in Human Computer Interaction Specialization.</li><li>&gt; PhD in Computer Vision domain.</li><li>&gt; CGPA : 8.21/10</li><li>&gt; Supervisor : Dr. Satish Kumar Singh, IIIT Allahabad</li></ul>
May 2013 July 2010	<b>BTech in CSE, DEPARTMENT OF COMPUTER SCIENCE &amp; ENGINEERING, NERIST</b> <ul style="list-style-type: none"><li>&gt; CGPA : 3.35/5</li></ul>

May 2010	Diploma in Computer Science & Technology, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, TIT Narsingarh, Agartala
July 2007	Worked on the project titled “Development of Speech-based Multi-level Person Autentication System” <ul style="list-style-type: none"> <li>&gt; Percentage : 77%</li> <li>&gt; Affiliated to Tripura University</li> </ul>

## SKILLS

Programming	Python, C/C++, Java, Javascript, CSS
Frameworks	Flask, React
Databases	Oracle Database, MySQL
Development tools	PyCharm, Visual Studio Code, git, docker
Operating Systems	Microsoft Windows, Linux Ubuntu
Others	Google Cloud (Cloud Engineering   Data Science & Machine Learning)

## LANGUAGES

English ●●●●●  
Hindi ●●●●○

## STRENGTHS

- > Passionate
- > Motivated
- > Self-Disciplined

## HONORS AND AWARDS

2016 **GATE Fellowship** for M.Tech-PhD. by MHRD, Govt. of India

## PROJECTS

<b>CUSTOMIZED BULK MAILING TOOL</b> IIIT Allahabad Flask SQLite Javascript	2018
<b>MULTI-METRIC LEARNING FOR FACE VERIFICATION IN THE UNCONSTRAINT ENVIRONMENT</b> MTech Summer Project, IIIT Allahabad Python Numerical Python	2017
<b>CLUSTER MIDDLEWARE - LOAD BALANCER</b> Course Project, IIIT Allahabad PHP MySQL Apache2	2017
<b>MECHANISM FOR WORMHOLE DETECTION IN MOBILE AD-HOC NETWORK (MANET)</b> Undergraduate Project, NERIST C++ NS2 Simulator	2013
<b>INSTITUTE WEBSITE “WWW.NERIST.AC.IN”</b> Designed and developed Institute Website “www.nerist.ac.in”, a contribution to NERIST, Itanagar, Arunachal Pradesh, India [Up Duration : 2012 - 2016] PHP MySQL Apache2	2012
<b>NETWORK SECURITY USING EXTENDED RSA CRYPTOSYSTEM</b> Diploma Project, Tripura Institue of Technology, Agartala C	2010

## “ REFERENCES

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**Dr. Satish Kumar Singh**

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