

Navami Kairanda

<https://navamikairanda.wixsite.com/navami>

EXPERIENCE

Max Planck Institute for Informatics, Saarbrücken (Germany) — *Research Assistant*

AUG 2019 - PRESENT

Actively contributed to building a dataset of 3d scans of humans, and it's processing - including 3d reconstruction, registration of scans against template mesh using SMPL algorithm, segmentation of scans using neural networks and graph-based methods.

Citicorp Services India Pvt. Ltd, Pune (India) — *Application developer*

JUL 2015 - FEB 2019

- Delivered an application (AutoFX) that facilitates payment processors to determine whether there is a Foreign eXchange opportunity or not, thus increasing Citi's FX revenue.
- Campus coordinator and interview panelist for Citi's campus hiring drives from 2016

Samsung Research & Development Institute India - Bangalore Pvt. Ltd., Bangalore (India) — *Summer Intern*

MAY 2014 - JUL 2014

Developed a driving event recognition system using smartphone sensor data to provide an effective and inexpensive approach to driving behavior understanding.

EDUCATION

Master of Science in Visual Computing, Saarland University, Germany

APR 2019 - PRESENT

1.4*/4

- Computer Vision, Image Processing, Convex Optimization, Computer Graphics, Geometric Modelling, Numerical Algorithms

*(German scale, 1.0 is the best grade, 4 is a pass)

Bachelor of Technology in Information Technology, National Institute of Technology Karnataka, India

JUL 2011 - MAY 2015

8.45/10

- Recipient of Central Sector Scholarship

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PROJECTS

- Ray tracing rendering engine
- Mesh parameterization and texture mapping
- Experiments on Lottery Ticket Hypothesis
- Prediction of Forest Cover Type using Ensemble Techniques with Decision Trees

For full details visit:

<https://navamikairanda.wixsite.com/navami>

SKILLS

Languages: C, C++, java, python, shell scripting, Matlab, R

Frameworks: Git, Spring, IBM MQ, Kafka, Websphere

Web technologies: HTML/CSS, JavaScript, React JS, Angular JS

Databases: Oracle EE, Mongo DB, MySQL

AWARDS

- Individual Award by Citi Service Centre, Pune for the significant contribution in Q3, 2017.
- Winner for Technical Poster entitled 'Inferring Driving Behavior using Smartphone' at Grace Hopper Celebration India 2014.

PUBLICATIONS

- '[Feature Engineering on Forest Cover Type Data with Ensemble of Decision Trees](#)', published at 5th IEEE International Advanced Computing Conference (IACC 2015)

LANGUAGES

English, Hindi, Kannada, German