# Priyanka Vokuda

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## Keywords

**Machine Learning · Computer Vision · Pattern recognition · Image processing
Object detection · Object Classification · Artificial Intelligence · Data Mining**

## Work Experience

**Institute of Visual Computing, BRSU**　　　　　　　　Sankt Augustin, Germany
*Research Associate: Used machine learning for hand motion analysis*　　*May - Nov 2016*

**Sapient Corporation**　　　　　　　　　　　　　　　　　　Bengaluru, India
*Associate Technology: Acquired skills in Java, QlikView, Business Intelligence*　　*2012 - 2014*

## Education

**Bonn-Rhein-Sieg University of Applied Sciences (BRSU)**　　Sankt Augustin, Germany
*Master of Autonomous systems (gpa: 1.88)*　　　　　　　　　　　*2015 - Present*

**PES Institute of Technology, Bangalore**　　　　　　　　　　Bengaluru, India
*Bachelor of Engineering in Information Science*　　　　　　　　　　*2008 - 2012*

## Projects

**Object Detection using RGB-D data**　　　　　　　　　　　　　　　2017
*Object detection in cluttered scene using edge boxes and deep convolutional neural networks.*

**Hand Motion Analysis**　　　　　　　　　　　　　　　　　　　　　2016
*Classifying hand grasp types using hand joint angles with help of machine learning methods.*

**Find tourist theme of a country**　　　　　　　　　　　　　　　　2016
*Finding tourist theme of countries using images obtained from Instagram trained on SVM.*

## Skills

**Programming**
*Python, MatLab (Intermediate Level), Java (Beginner Level),*
**Framework, Libraries**
*Caffe, NumPy, SciPy, JUnit (Beginner Level), OpenCV (Beginner Level)*
**Version control**
*Git*

## Publications

**Recognition of Hand Written Kannada Numerals Using K-Medoids**
*Advanced Materials Research (Volumes 433 -440). Materials Science and Information Technology, 2012.*

## Languages

**English**
*Full professional proficiency*
**German**
*Beginner level*