Priyanka Vokuda

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github.com/priyankavokuda
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01799908713

INTERESTS

- Data Science • Machine Learning • Computer Vision • Software Development

WORK EXPERIENCE

CARL ZEISS MICROSCOPY, *Master Thesis Student*   DE, Sept 2017 - Mar 2018
- Master thesis topic: Interactive Object Detection.
- Explored methods to train efficient object detection models with reduced annotations.
- Obtained fully supervised learning performance with 2.5% of annotated data.
- Developed web annotation tool for interactive object detection.

INSTITUTE OF VISUAL COMPUTING, BRSU, *Research Assistant*   DE, May 2017 - Nov 2017
- Explored machine learning methods to classify hand pose using joint angles.
- Improved performance by 5% using dimensionality reduction and pre-processing methods.

SAPIENT CORPORATION, *Software Developer*   IN, Jul 2012 - Nov 2014
- Was part of agile software development projects.
- Accomplished modifying, debugging and maintenance of legacy Java and QlikView code.

EDUCATION

MSC. AUTONOMOUS SYSTEMS (1.88/1)   DE, Mar 2015 - Today
Bonn-Rhein-Sieg University of Applied Sciences (BRSU) (attached transcript)
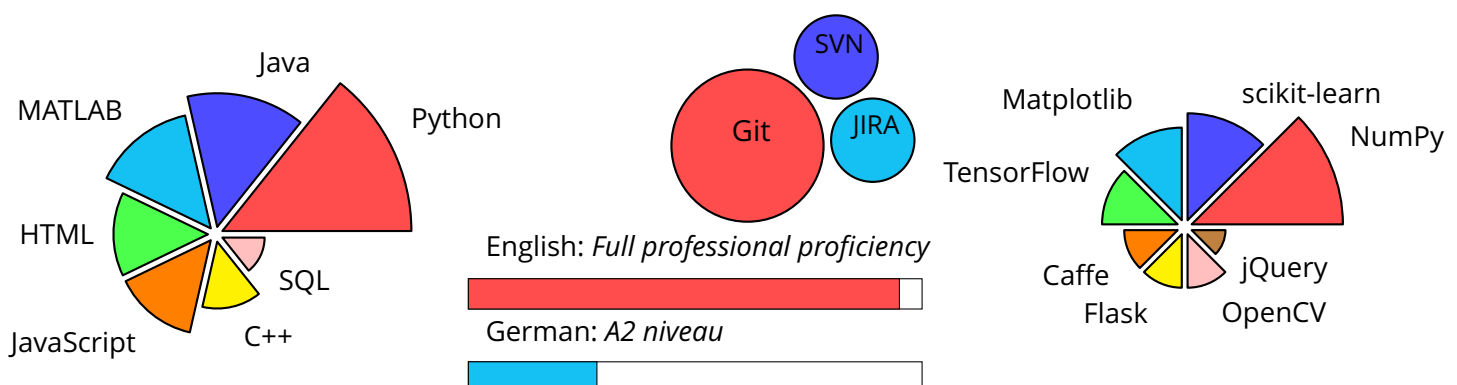- Focus on machine learning, software engineering, computer vision and mathematics.

BACHELOR OF ENGINEERING, INFORMATION SCIENCE (8.69/10)   IN, Feb 2008 - Aug 2012
PES Institute of Technology (attached transcript)
- Focus on computer science, Java, C++ and web programming and software engineering.

SKILLS

Java, Python, MATLAB, HTML, JavaScript, C++, SQL

SVN, Git, JIRA

Matplotlib, scikit-learn, NumPy, TensorFlow, Caffe, Flask, jQuery, OpenCV

English: *Full professional proficiency*
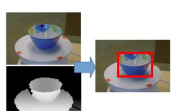
German: *A2 niveau*

PROJECTS

INTERACTIVE OBJECT DETECTION   Sep 2017 - Mar 2018
Carl Zeiss Microscopy
- Implemented active learning method for interactive object detection.
- Proved effectiveness of active learning on Carl Zeiss and computer vision benchmark datasets.

OBJECT DETECTION USING RGB-D DATA   Aug 2016 - Jan 2017
Bonn-Rhein-Sieg University of Applied Sciences (BRSU)
- Implemented object detection using object proposal generation and object classification step with deep learning and RGB-D data.
- Proved effectiveness of depth modality addition on computer vision benchmark datasets.

Hochschule Bonn-Rhein-Sieg
University of Applied Sciences

Hochschule Bonn-Rhein-Sieg, 53754 Sankt Augustin

Ms.

Priyanka Subramanya Vokuda

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53115 Bonn

Grantham-Allee 20
53757 Sankt Augustin
Contact: Michaela Heinrich
http://www.h-brs.de/pruefungsangelegenheiten.html

Office hours:
Mo.-We. 10-13; Th 10-12 and 14-16; Fr. closed
and by appointment

Registration number: 9025845				
First name:	Priyanka			
Family name:	Subramanya Vokuda			

		Grade	Credits	Semester	Elective
Degree	Master of Science				
Course of Study	Autonomous Systems (A04)				
Modul Examination					
Examination regulation: 2012					
1100	AS-1-CC-1 Advanced Software Technology	1.0	6	SS 2015	N
1200	AS-1-CC-2 Autonomous Mobile Robots	2.3	6	SS 2015	N
1300	AS-1-CC-3 Mathematics for Robotics and Control	1.3	6	SS 2015	N
1400	AS-1-CC-4 Artificial Intelligence for Robotics	2.7	6	SS 2015	N
2100	AS-2-Spec-1A Advanced Mathematics for Robotics and Control	1.3	6	WS 15/16	N
2200	AS-2-Spec-1B Computer Vision	3.0	6	WS 15/16	N
2300	AS-2-Spec-1C Neural Networks	2.0	6	WS 15/16	N
3100	AS-3-Spec-Sel-A Learning and Adaptivity	1.7	6	SS 2016	N
3200	AS-3-Spec-Sel-B Robot Perception	1.7	6	SS 2016	N
3500	AS-3-RND-RDP Object Classification and Segmentation using RGB-D Images	1.5	15	SS 2017	N
Certificate					
Examination regulation: 2012					
1501	AS-1-Sem Introduction to Scientific Work		6	SS 2015	N
2401	AS-2-Sem Advanced Scientific Working		6	WS 15/16	N
2402	AS-2-LAB Software Development Project		6	WS 15/16	N
3601	AS-3-LAB Scientific Experimentation and Evaluation		3	SS 2016	N

Cumulated credits

Course of Study	Degree	Examination Regulation	Amount of credits	Subsidiary Subject
Autonomous Systems	Master of Science	2012	90.0	

Grades	**ECTS-Grades**
up to 1.5	very good
above 1.5 to 2.5	good
above 2.5 to 3.5	satisfactory

* Credits transferred from another university

** Accredited examination results from abroad

*** Credits transferred from another department of the university

**** Change of examination terms as a result of change of examination regulation

z) Credits for additional courses which are not included in the total number of credit points

**Hochschule
Bonn-Rhein-Sieg**
University of Applied Sciences

Transcript

as of 10.4.2017

Registration number: 9025845
First name: Priyanka
Family name: Subramanya Vokuda

above 3.5 to 4.0	sufficient
above 4.0	failed

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* Credits transferred from another university
** Accredited examination results from abroad
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**** Change of examination terms as a result of change of examination regulation
z) Credits for additional courses which are not included in the total number of credit points

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ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

Certifies that

PRIYANKA SUBRAMANYA VOKUDA
ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನುಳ್ಳವರೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

has been duly admitted to the Degree of

Bachelor of Engineering

in recognition of the fulfilment of requirements

for the said degree through

ವಿದ್ಯಾಲಯದ ಹೆಸರು
Name of the College : *P.E.S Institute of Technology, Bangalore*
(Autonomous College)
ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ
University Seat Number : **1PI08IS075**

ವಿಷಯ / Subject : *Information Science & Engineering*

ಶ್ರೇಣಿ
Class : *First Class with Distinction*

A13 005721   ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ
Given under the seal of the University

ಬೆಳಗಾವಿ
Belgaum

ದಿನಾಂಕ
Date : April 05, 2013

ಕುಲಪತಿ
VICE CHANCELLOR