

# Curriculum Vitae

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## Personal Information

Name Aravind Sankaran  
Date of Birth *September 22nd, 1992*  
Office Address Room 430, Schinkelstr. 2, 52062 Aachen  
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## Education

- Oct 2014 – May 2017 **RWTH Aachen University** *Aachen, Germany*  
M.Sc in Simulation Science  
Thesis : *Analyses of convolutional neural networks for automatic tagging of music tracks*  
Final grade: 1.7
- Aug 2010 – Apr 2014 **College of Engineering Guindy, Anna University** *Chennai, India*  
Bachelor of Industrial Engineering  
Final grade: 8.78/10
- Jun 1996 – Mar 2010 **D.A.V Matriculation Higher Secondary School** *Mogappair, Chennai, India*  
Higher Secondary Course  
Final grade: 97.5%

## Research Experience

- Jul 2019 – Present **AICES - RWTH Aachen University** *Aachen, Germany*  
Doctoral candidate  
Thesis : Machine Learning based Performance Modelling for Dense Linear Algebra  
Advisor: Prof. Paolo Bientinesi
- Mar 2016 – Apr 2017 **Informatik 6 - RWTH Aachen University** *Aachen, Germany*  
Student Research Assistant  
- Project link : [github.com/as641651/Faster-RCNN-Torch](https://github.com/as641651/Faster-RCNN-Torch)
- Sep 2015 – Feb 2016 **AICES - RWTH Aachen University** *Aachen, Germany*  
Student Research Assistant  
- Publication : I was one of the co-author for the publication - "Tensor Transposition Compiler for multiple Architecture", which was presented in "ARRAY 2016" International Conference.  
- Publication Link : [dl.acm.org/citation.cfm?id=2935328](https://dl.acm.org/citation.cfm?id=2935328)
- Jul 2015 – Dec 2016 **JARA HPC - RWTH Aachen University** *Aachen, Germany*  
Student Research Assistant  
- I was one of the application developers for the project - "VisNEST – Visualization of Neural Brain Activity"

## Related Activities

- Jun 2017 – Jun 2019 **Autodidact** *Chennai, India*  
- Author and developer at "Machine Learning - From Research to deployment" ([www.ml2d.org](http://www.ml2d.org))  
- Integrating the frontiers in Computational science, Machine Learning, Information technology and Internet of things

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## Skills & Background Knowledge

### Research Interest

Machine Learning

High Performance Computing

Operations Research

### Technical skills

Full stack development

Android development

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## Languages

English, *Advanced*

Tamil, *Intermediate*

Hindi, *Naive*

German, *Naive*

Aachen, 15.07.2019

Aravind Sankaran