

# RHYTHM BHATIA

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## Education

<b>Symbiosis Institute of Technology</b> <i>B. Eng. Computer Science</i>	India 2011 – 2015
<b>University of Eastern Finland</b> <i>International Masters in Computer Science</i> <ul style="list-style-type: none"><li>• Full academic scholarship</li></ul>	Finland 2019 – 2021
<b>University of Oxford</b> <i>Oxford Machine learning summer school, OxML</i> <ul style="list-style-type: none"><li>• Full academic scholarship</li></ul>	UK 2020
<b>University of Eastern Finland</b> <i>Doctor of Philosophy</i>	Finland 2021 – 2025

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## Experience

<b>Owner, AI Consultant and Corporate Trainer</b> <i>Cognozire</i>	Aug 2021 – Present <i>Freelancer</i>
<b>Visiting Faculty</b> <i>Symbiosis Institute of Technology</i>	Feb 2021 – June 2021 <i>India, part-time</i>
<b>Research Assistant</b> <i>University of Eastern Finland</i>	Jan 2020 – Sep 2020 <i>Finland, part-time</i>
<b>Machine Learning Engineer</b> <i>Gnani.ai</i>	Jan 2019 – Apr 2019 <i>India</i>
<b>Junior Research Fellow</b> <i>Indian Institute of Technology</i>	Aug 2017 – Dec 2018 <i>Mandi, India</i>
<b>Data Specialist</b> <i>IBM</i>	Jan 2016 – Apr 2017 <i>Pune, India</i>

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## Research Papers

<b>On the Use of Neural Vocoders in Generating Bird Vocalizations</b> <i>Bhatia Rhythm, Kinnunen Tomi</i>	Paper submitted <i>ICASSP 2022</i>
<b>Review of feature importance for mental health interventions</b> <i>Bhatia Rhythm</i>	Poster presentation <i>WiML Workshop, ICML 2020</i>
<b>All Conv-Net for frame based Music and/or Speech Segmentation using raw data</b> <i>Bhatia Rhythm, Anshul Thakur</i>	Extended Abstract <i>ISMIR 2019</i>
<b>Music and/or Speech Segmentation</b> <i>Bhatia Rhythm, Anshul Thakur, Dr P. Rajan</i>	Poster presentation <i>YFRS Workshop, Interspeech 2018</i>
<b>Feature learning for bird call segmentation using phase-based features</b> <i>Bhatia Rhythm, Seth Harshita, Rajan P</i>	Paper published <i>ICIIS 2018</i>

**Feature learning for bird call clustering**

*Seth Harshita, Bhatia Rhythm, Rajan P*

Paper published  
*ICIIS 2018*

**Analysis of audio features for music representation**

*Bhatia Rhythm, Srivastava Saumya, Singh Manpreet, Bhatia Vandan*

Paper published  
*ICRITO 2018*

**Big data analytics: Solution to healthcare**

*Singh, Manpreet, Bhatia Vandan, Bhatia Rhythm*

Paper published  
*ICCT 2017*

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Extracurriculars

**Actor**

*International students Dramatic Society, Finland*

Aug 2019 – Dec 2019

**Mentor**

*Google Summer of Code, India*

Apr 2017 – Sep 2017

**Committee Member and Reviewer**

*Grace Hopper Conference, India: Machine learning group*

May 2016 – Present

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References

**Dr Himanshu Agrawal**

*Curtin University*

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**Dr. Kalyani Kadam**

*Symbiosis Institute of Technology*

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