

RHYTHM BHATIA

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Education

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

Experience

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| Founder, CEO <i>Cognozire</i> | Aug 2021 – Present <i>Remotely Global, Full-time</i> |
| Visiting Faculty <i>Symbiosis Institute of Technology</i> | Feb 2021 – June 2021 <i>India, part-time</i> |
| Research Assistant <i>University of Eastern Finland</i> | Jan 2020 – Sep 2020 <i>Finland, part-time</i> |
| Machine Learning Engineer <i>Gnani.ai</i> | Jan 2019 – Apr 2019 <i>India</i> |
| Junior Research Fellow <i>Indian Institute of Technology</i> | Aug 2017 – Dec 2018 <i>Mandi, India</i> |
| Data Specialist <i>IBM</i> | Jan 2016 – Apr 2017 <i>Pune, India</i> |

Research Papers

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

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