

Pankaj Mishra

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Experience



Research Assistant

Nagoya Institute of Technology

Apr 2019 - Present (2 years 6 months +)

This work mainly focus on development and designing of different machine learning based tools to optimise the cloud resource allocation



Information Technology Specialist

Krishna Technologies, Mumbai

Oct 2016 - Mar 2019 (2 years 6 months)

Design and Development of Smart Point of Sale and Sales Insight Tools based on machine learning technologies



Intern

S.Y Systems

Sep 2015 - Sep 2015 (1 month)

Android Application Development

Education



University of Wollongong

Doctor of Philosophy - PhD, Computing and Information Technology

2019 - 2022



Nagoya Institute of Technology

Doctor of Philosophy - PhD, Artificial Intelligence

2019 - 2022



Nagoya Institute of Technology

Master's Degree, Computational Science


2014 - 2016




Don Bosco Institute Of Technology , Mumbai


Bachelor's Degree, Computer Engineering

2010 - 2014

 **K.M Agarwal College of Science, Arts & commerce, Kalyan**
Higher Secondary, Computer Science
2008 - 2010

 **ST. Thomas English School**
secondary
1998 - 2008

Licenses & Certifications


 **JLPT N3** - The Japan Foundation and Japan Educational Exchanges and Services


Skills


Java • HTML • C++ • Microsoft Office • C • JavaScript • SQL • MySQL • Microsoft Excel • PowerPoint


Honors & Awards


 **Scholarship - MEXT**
Sep 2014
Japanese Government (Monbukagakusho: MEXT) Scholarship

 **Best Paper Award** - International Journal of Information Technology
Jan 2017
Best Paper Award

 **Student Travel Award, 2019** - Association for the Advancement of Artificial Intelligence
Feb 2020

 **University of Wollongong: University Postgraduate Award and an International Postgraduate Tuition Award** - University of Wollongong
Aug 2020

 **Foreign Student Scholarship** - Heiwa Nakajima Foundation
Apr 2020
This is prestigious and highly competitive scholarships are available to foreign students enrolled at a Japanese top universities.

 **Foreign Student Grant** - NGK-Spark
Apr 2021
This is prestigious and highly competitive research grants are available to foreign students.

Publication List

JOURNAL PUBLICATION

- **Mishra, Pankaj** and Moustafa, Ahmed, "Reinforcement Learning based Monotonic Policy for Online Resource Allocation." *Future Generation Computer System (FGCS)*, 2021.
- **Mishra, Pankaj** and Moustafa, Ahmed, "Real-Time Pricing based Resource Allocation in Open Market Environments." *Transaction on Internet Technology (TOIT)*, 2021.
- **Mishra, Pankaj** and Moustafa, Ahmed, "A Diffusion Mechanism for Multi-Unit Commodity Allocation in Economic Networks." *Electronic Commerce Research and Applications (ECRA)*, 2021.
- **Mishra, Pankaj**, Hadfi, Rafik, and Ito, Takayuki, "Role of Human Emotions in Social Influence." *International Journal of Information Technology*, 2016.

CONFERENCE PUBLICATION

- **Mishra, Pankaj**, Moustafa, Ahmed and Ito, Takayuki, "Reinforcement Learning based Real-Time Reserve Price Optimisation in Dynamic Environments." *The 23rd International Conference on Principles and Practice of Multi-Agent Systems*, 2020.
- **Mishra, Pankaj**, Moustafa, Ahmed, and Ito, Takayuki. "Reinforcement Learning based Real-Time Pricing in Open Cloud Markets." *The 33rd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems*, 2020.
- **Mishra, Pankaj**, Moustafa, Ahmed, and Ito, Takayuki. "Optimal Auction based Automated Negotiation in Realistic Decentralized Market Environments." *35th AAAI conference*, 2020.
- **Mishra, Pankaj**, Moustafa, Ahmed and Ito, Takayuki. "Fairness based Multi-Preference Resource Allocation in Decentralised Open Markets." *11th International Workshop on Optimization and Learning in Multiagent Systems(AAMAS)*, 2020.
- **Mishra, Pankaj**, Hadfi, Rafik and Ito, Takayuki. "Role of Facial Emotion in Social Correlation." *International Conference on Principles and Practice of Multi-Agent Systems*, 2016.
- **Mishra, Pankaj**, Hadfi, Rafik, and Takayuki Ito. "Multiagent Social Influence Detection Based on Facial Emotion Recognition." *Highlights of Practical Applications of Scalable Multi-Agent Systems. The PAAMS Collection. Springer International Publishing*, 2016.
- **Mishra, Pankaj**, Hadfi, Rafik, and Ito, Takayuki. "Social Influence Analysis based on Facial Emotions." *International Workshop on Social Influence Analysis (IJCAI)*, 2016
- **Mishra, Pankaj**, Hadfi, Rafik, and Ito, Takayuki. "Adaptive Model for Traffic Congestion Prediction." *International conference on engineering and other applications of the applied intelligent system*, 2015.
- Tripathy, Amiya, Sundararajan, Revathy, Deshpande, Chinmay, **Mishra, Pankaj**, Natarajan, Neha, "Opinion mining from user reviews." *Proceedings of Technologies for Sustainable Development*, 2015.