Naohiro Hayashibara

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WORK EXPERIENCE

KYOTO SANGYO UNIVERSITY, *Associate Professor* Apr 2013 - current

Placeholder text designed to have exactly three lines. Three lines describing what you did in this job is just about right for this template. Keep it simple and understandable. Let the details for the interview.

KYOTO SANGYO UNIVERSITY, *Assistant Professor* Apr 2008 - Mar 2013

Placeholder text designed to have exactly three lines. Three lines describing what you did in this job is just about right for this template. Keep it simple and understandable. Let the details for the interview.

TOKYO DENKI UNIVERSITY, *Research Associate* Apr 2005 - Mar 2008

Placeholder text designed to have exactly three lines. Three lines describing what you did in this job is just about right for this template. Keep it simple and understandable. Let the details for the interview.

JAPAN ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, *Post-doctoral Fellow* Jul 2004 - Mar 2005

Placeholder text designed to have exactly three lines. Three lines describing what you did in this job is just about right for this template. Keep it simple and understandable. Let the details for the interview.

EDUCATION

PHD. INFORMATION SCIENCE Jun 2004

Japan Advanced Institute of Science and Technology

Placeholder text designed to have exactly three lines. Three lines describing what you did in this job is just about right for this template. Keep it simple and understandable. Let the details for the interview.

MSC. INFORMATION SCIENCE Mar 2001

Japan Advanced Institute of Science and Technology

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SKILLS & INTERESTS

Native Speaker
Professional Proficiency
Basic level

Distributed Systems.
Dependable Systems.
Meta-heuristic Algorithms.
Bio-inspired Algorithms.

SELECTED PUBLICATIONS

1. K. Shinki, K. Sugihara, N. Hayashibara, "Message broadcasting by opportunistic communication on unit disk graphs", Evolutionary Intelligence, 13(1), pp. 93-102, 2020.
2. T. Kurokawa, N. Hayashibara, "Performance evaluation of data replication protocol based on Cuckoo search in mobile ad-hoc networks", Internet of Things, vol. 11, 100223, 2020.
3. K. Imae, N. Hayashibara, "ChainVoxel: A Data Structure for Scalable Distributed Collaborative Editing for 3D Models", In Proc. of DASC'16, pp. 344-351, 2016.
4. Y. Tanaka, N. Hayashibara, T. Enokido, M. Takizawa, "A mobile agent model for fault-tolerant manipulation on distributed objects", Cluster Computing, 10(1), pp.81 - 93, 2007.
5. S. Itaya, N. Hayashibara, T. Enokido, M. Takizawa, "Distributed Coordination Protocols to Realize Scalable Multimedia Streaming in Peer-to-Peer Overlay Networks", In Proc. of ICPP'06, pp.569-576, 2006.
6. P. Urbán, X. Défago, N. Hayashibara, T. Katayama, "Definition and Specification of Accrual Failure Detectors", In Proc. of DSN'05, pp. 206-215 , 2005.
7. N. Hayashibara, X. Défago, R. Yared, T. Katayama, "The Φ Accrual Failure Detector", In Proc. of SRDS'04, pp. 66 - 78, 2004.
8. P. Urbán, N. Hayashibara, A. Schiper, T. Katayama, "Performance Comparison of a Rotating Coordinator and a Leader Based Consensus Algorithm", In Proc. of SRDS'04, pp. 4 - 17, 2004.