



Prof. CHRIS JORDAN G. ALIAC

● **Contact Information**

Address: 37-E, Sabellano Street, Quiot Basak, Cebu City

● **Education**

Institution: Cebu Institute of Technology-University

Degree: Ph. D in Information Technology

Field: Vision Systems, Artificial Neural Networks, Robotics, IoT

Date: March 2015

● **Professional Experience**

Full Professor, CIT-U/CCS, 2002 – present

Research Coordinator, CIT-U/CCS, 2006 – 2018

Manager for Maker Space, CIT-U/CCS, 2018- Present

Project Consultant, TASEKO Systems Inc., 2013-2014

Owner, Sentinel Home Automations, 2007 – present

Consultant/ Net. Admin, La Vista Highlands Resort, 2009 – present

Research Dev. Facilitator, Minebea Mitsumi, 2018-present

● **Honors and Awards**

1. **Human Dynamic Mobility System** Region 7 proposal Presentations (2nd Best Paper) June 11, 2019 DOST
2. **JackFruit Disease Recognizer Using Mamdami Fuzzy Logic (BEST PAPER)** CAITE 2018 2018 ICPEP
3. National Conference on Computer Applications, Innovations, Technologies, and Engineering Hotel Supreme,
4. Baguio City, Philippines November 26-29, 2018
5. **Automated Door Lock and Attendance Monitoring System using Face Recognition and RFID** CAITE
6. 2018 2018 ICPEP National Conference on Computer Applications,

Innovations, Technologies and

7. Engineering Hotel Supreme, Baguio City, Philippines November 26-29, 2018
8. **Advanced IOT Smart Aquarium** IEEE HNICEM 2018
9. **An IOT Smart Aquarium** ICPEP national Convention Nov. 23 2017
10. **OIT Hydroponics Management System** ICPEP National Convention Nov. 22, 2017
11. **Bitmap Data Compression using Huffman Coding Technique for company** Logos 15th National Conference of Information Technology Education, Oct 21,2017 Leyte Normal University, Tacloban, Leyte Oct 21, 2017
12. **IoT-based Water Monitoring System (CIT-U)** Presented at Ramon Aboitiz Foundation MEGA CEBU Internet of Things Challenge, September 27, 2015 Sept 27, 2015
13. **Music Genre Recognition Using Neural Networks** HNICEM 2014 International Conference Nov 12-16, 2014 ISSN 1908-6180 November 16, 2014
14. **PCA-Based Face Recognition Using Neural Networks** HNICEM International Conference, Manila, Nov. 12-14, 2013
15. **Data Encryption Using Back propagation Neural Networks** HNICEM International Conference, Manila, Nov. 12-14, 2013,
16. WCTP International Conference , September 28, 2013
17. CIT-U Research Congress September 21 2013
18. **Real-Time Inverse Kinematics Robo Gait Sequencing using S.O.M.**
19. ASTL Journal ISSN 2287-1233, November 2012
20. SOFTECH Conference, May 30, 2012
21. **Sensor Data Network Using Android Mobile Device**
22. ASTL Journal ISSN 2287-1233, November 2012
23. SOFTECH Conference, May 30, 2012
24. **Vision-Based Recognition System for Rotated Characters using Rapid Transform and Artificial Neural Networks**, October 27-29, 2011, PSITE National Conference
25. **Inverse Kinematics Pseudo-Learning on Voice-Automated Dynamic Biped Robot Gait Sequencing**, March 12-15, 2011, International Conference on Humanoid. Nanotechnology, Information Technology, Communication and

- Control, Environment, and Management (HNICEM)
26. **Real-Time Vision-Based Robot Manipulator Control Using Self-Organizing Maps**, February 16, 2009, International Conference on Mechatronics Technology (ICMT)
 27. **Weather Monitoring System Using SMS**, March 12-15, 2009, International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management (HNICEM)
 28. **Bi-Directional Hardware Interface for Mobile Phones**, November 23, 2008, Philippine
 29. Computing Science Congress 2008
 30. **Hybrid Robot Navigation, 15-18, 2007**, HUMANOID, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM) 2007 ISSN 1908-6180, February 15-17, 2007 PAASE 2007 ISSN 1908-5907, March 22, 2007, Philippine Computing Society Congress 2007

- **Topic of Talk**