Curriculum Vitae

Candy Olivia Mawalim

Nationality : Indonesia
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School of Information Science (IS Building 3, 6F)
1-1 Asahidai, Nomi, Ishikawa, 923-1292 Japan

EDUCATION

Japan Advanced Institute of Science and Technology (JAIST)   *Oct. 2019 – Mar. 2022*
School of Information Science (Doctoral degree)
    Topic   : Content and privacy protection methods for secure speech communication and its applications
    Advisor   : Prof. Masashi Unoki

Japan Advanced Institute of Science and Technology (JAIST)   *Oct. 2017 – Sept. 2019*
School of Information Science (M.S.)
    Thesis   : Study on audio information hiding based on cochlear delay characteristics
    Advisor   : Prof. Masashi Unoki

Institut Teknologi Bandung (ITB) – Indonesia   *Aug. 2013 – Jul. 2017*
Bachelor of Science (B.Sc.)
    Thesis   : Study on Indonesian–Korean statistical machine translation
    Advisor   : Dessi Puji Lestari, Ph.D.

Sekolah Menengah Atas Swasta Methodist 5 Medan   *Graduated May 2013*
Natural Science Degree

RESEARCH INTERESTS

Speech Information Hiding, Voice Privacy, Hearing Aids, Social Signal Processing, Machine Learning

WORK EXPERIENCE

Assistant Professor, JAIST   *Apr. 2022 – present*
Social Signal Interaction Group

Data Scientist (Part-time), Kazee Indonesia   *Apr. 2017 – Jul. 2017*
PT. Digital Utama Adikarya, Bandung, Indonesia
Research on social media analytics

Software Engineering Intern, PT. Akhdani Reka Solusi   *May. 2016 – Jun. 2016*
Full-stack web development project

RESEARCH/TEACHING EXPERIENCE

Research Fellow DC1, Japan Society for the Promotion of Science (JSPS)   *Apr. 2020 – Mar. 2022*
Project: Audio information hiding based on human auditory characteristics related to phase modulation
Funding: Special Grants-in-Aid for Scientific Research (20J20580)

Teaching Assistant, JAIST   *Dec. 2020 – Feb. 2021*
Course: Human perceptual systems and its models

Laboratory Assistant at Unoki Lab., JAIST   *Oct. 2017 – Mar. 2020*
Project: Speech information hiding, speaker anonymization

Research Internship at Acoustic Information Science Lab., JAIST   *Jan. 2017 – Mar. 2017*
Project: Audio watermarking based on phase modulation using gammatone filterbank

Research Internship at Data Mining Lab., POSTECH (Korea)   *Jul. 2016*
Project: Recommendation system

Graphics and Artificial Inteligence Laboratory Assistant, ITB   *Aug. 2014 ─ Jul. 2017*
- Teaching assistant for 'Computer Graphics', 'Artificial Intelligence', 'Geometry Algebra', 'Logic of Informatics' courses
- Participating in laboratory projects

PT Inti Automatic Speech Recognition (ASR) Project Member, ITB   *Dec. 2015 ─ Jul. 2016*
Project : (Lexicon Division) Grapheme to phoneme conversion, text normalization in Bahasa, news vocabulary aggregator

ACTIVITIES AND MEMBERSHIPS

ISCA Security and Privacy in Speech Communication (SPSC) Committee   *Oct. 2022 – present*

The Asia-Pacific Signal and Information Processing Association (APSIPA)   *Oct. 2020 – present*
- Regular member (2020 – present)

JAIST Student Council   *Sep. 2018 – Mar. 2022*
- Member (2017 – 2018)
- President (2018 – 2019)
- Vice president (2019 – 2022)

The Acoustical Society of Japan (ASJ) – Regular member   *Mar. 2018 – present*
Informatics Student Association, ITB   *2014 – 2017*
- Technical Division Staff (2016 – 2017)
- Secretary Staff (2015 – 2016)
- Technical Division Staff (2014 – 2015)

Indonesia Olympiad Team in Informatics – ITB Branch   *2013 – 2017*

The members of organization consist of Informatics Olympiad Alumni. We provide committee works for National Preparation for IOI (International Olympiad in Informatics).
- Secretary – Treasury Division Staff, Informatics National Camp (2013 – 2015)
- Informatics Olympiad Alumni Camp Coordinator (2014)

North Sumatera Representative in National Science Olympiad

Mathematics (2013), Physics (2010)

AWARDS AND FELLOWSHIPS

Research Fellowship for Young Scientists DC1 (JSPS)   *Apr. 2020 – Mar. 2022*

Student Outstanding Performance Award   *Sep. 2019*

Master program in JAIST

Best Paper Award   *Jul. 2019*
11th International Conference on Social Computing and Social Media

Student Paper Award   *Mar. 2019*
2019 RISP International Workshop on Nonlinear Circuits, Communications and Signal Processing

Mitani Scholarship   *Apr. 2018 – Sep. 2019*

Monbukagakusho Honors Scholarship   *Oct. 2017 – Mar. 2018*

ASEAN – Maybank Scholarship   *Aug. 2013 – Jul. 2017*

LANGUAGE ABILITIES

Bahasa Indonesia (native), Medanese Hokkien (native), English (fluent), Japanese (JLPT N1), Chinese (HSK 4 级考試)