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EMPLOYMENT

2013 - 2014

SENIOR SOFTWARE ENGINEER – Rumah Aplikasi (part-time)

- + Meet with clients to gather requirements, design sites and outline schedules.
- + Manage web projects with 2-4 developers
- + Develop concepts, control project flow, and ensure milestones are met.

2010 – 2013

SOFTWARE ENGINEER – Ontel Studio (part-time)

- + Developed, enhanced and maintained websites using PHP, HTML, CSS, Javascript and Cakephp
- + Designed and implemented SQL and MySQL
- + Assisted senior web developers by supporting design and coding

EDUCATION

2005 – 2010

BACHELOR OF COMPUTER SCIENCE– Gadjah Mada University

2010 – 2013

MASTER OF COMPUTER SCIENCE– Gadjah Mada University

2014 – 2021

PHD OF COMPUTER SCIENCE – National Chiao Tung University

SKILLS

PYTHON



DEEP LEARNING



COMPUTER VISION



PYTORCH



TENSORFLOW



OPENCV



MATLAB



C++



C



JAVA



CERTIFICATES

PROJECTS

**MACHINE LEARNING
(COURSERA CERTIFICATES)**
**D6YUJBV3DBND
(Sept 2016)**

2018-2021

LIGHTWEIGHT DEEP LEARNING MODELS FOR IMAGE EDGE DETECTION
 This research focuses on how to design an effective and lightweight deep learning framework to detect image edges. The goal is to reduce the algorithm complexity and retain the edge detection accuracy at the same time.
[MOST\(Ministry of Science and Technology\) 109-2634-F-009-020](#)

2015-2018

RGB-D IMAGE SEGMENTATION
 This research focuses on how to combine the depth and color information to improve the state of the art color image segmentation methods.
[NSC\(National Science Council\) 104-2221-E-069-MY3](#)

2010-2014

HOTEL RESERVATION SYSTEM
 Hotel Reservation System is designed to support Hotel to increase Direct Booking from Hotel website.
<http://rumahaplikasi.com/application-home/>

LANGUAGES

**ENGLISH
CHINESE MANDARIN
BAHASA**
**Professional
Elementary
Native**

PUBLICATIONS

J. K. Wibisono and H. -M. Hang, **FINED: Fast Inference Network for Edge Detection**, arXiv preprint arXiv: 2012.08392, 2020. (accepted on IEEE International Conference on Multimedia and Expo (ICME) 2021)

J. K. Wibisono and H. -M. Hang, **Traditional Method Inspired Deep Neural Network for Edge Detection**, 2020 IEEE International Conference on Image Processing (ICIP), Abu Dhabi, United Arab Emirates, 2020, pp. 678-682.

J. K. Wibisono and H. M. Hang, **RGBD image segmentation using deep edge**, International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS), Xiamen, 2017, pp. 565-569.

J. K. Wibisono and H.-M. Hang, **Fusion of Color and Depth Information for Image Segmentation**, Asia-Pacific Signal and Information Processing Association (APSIPA) Annual Summit and Conference 2016, Jeju, Korea, Dec. 13-16, 2016.

J. K. Wibisono and E. Winarko, **Opinion Mining pada Twitter untuk Bahasa Indonesia dengan Metode Support Vector Machine dan Metode Berbasis Lexicon**, Universitas Gadjah Mada, Yogyakarta, Indonesia, 2013.