

EDUCATION

- **Delft University of Technology** Delft, The Netherlands
Doctoral Candidate in Cyber Resilient Power Grids January 2020 - Present
- **Imperial College London** London, United Kingdom
Master of Science in Secure Software System 2014 - 2015
- **Tokyo Institute of Technology** Tokyo, Japan
Research Student in Communication and Computer Engineering (Exchange Program) 2012 - 2013
- **Universitas Indonesia** Depok, Indonesia
Bachelor of Engineering in Computer Engineering 2009 - 2014

EXPERIENCE

- **Department of Electrical Engineering Universitas Indonesia** Depok, Indonesia
Lecture and Assistant Professor August 2016 - Present
 - **Lecture for Undergraduate Program:** : Responsible for teaching study program of Computer Engineering, Electrical Engineering, and Biomedical Engineering. Mainly responsible to teach Introduction to Programming using C, Python and Java
 - **Research Assistant:**: Involved in research group of Secure Embedded and Communication System.
- **Ventura Business Unit of Faculty of Engineering Universitas Indonesia** Depok, Indonesia
Director of Operation March 2017 - May 2018
 - **Responsibilities:** : Managing projects, training center, PearsonVue test center. Successfully double the revenue of business unit into 300,000 USD in less than one year.

AWARD AND ACHIEVEMENT

- **European Research and Scholarship Grants:** Awarded fully funded scholarship for research and PhD program, selected among 1/156 applicants world wide.
- **Multi-years Strategic National Research Grant from Ministry of Higher Education Indonesia 2017-2019:** Involved as a researcher team in multi year research grant with total funding equal to 250,000 USD for developing Secure Application using Bluetooth Low Energy Devices
- **3rd Winner of Indonesia National Robotics Contest 2018:** Responsible as the robotic team supervisor in the category of Soccer Robot
- **LPDP Scholarship 2014-2015:** Fully funded scholarship for Master degree education at Imperial College London
- **Japan Ministry of Education Scholarship 2012-2013:** Fully funded scholarship for exchange research student at Tokyo Institute of Technology
- **2nd Winner of Most Outstanding Student Universitas Indonesia 2012:** Awarded as runner-up best student out of 50,000 Bachelor students in Universitas Indonesia in 2012. This is the most prestigious award for a student who is highly qualified both in academic and non-academic activities.
- **World Top 15 Team Microsoft Imagine Cup 2011 Category Embedded Development:** Project Environment Digital Controlling System using Ebox 3300. As a national winner, our team became the representative of Indonesia for Embedded Development Category in Worldwide final Microsoft Imagine Cup, New York, USA, 2011.