

Daniel Kristianto Haryono

www.linkedin.com/in/danielharyono

Software Engineer

Royal Paka G-10
Surabaya, Jawa Timur
agni.infinity@gmail.com

EXPERIENCE

Hacktiv8 Indonesia, Jakarta — *Instructor*

January 2020 - PRESENT

- Teaching JavaScript topics according to Hacktiv8's curriculum.
- Privately mentoring assigned students and monitoring their growth in understanding all materials.
- Act accordingly to students' growth in giving exercises and matching their preferable learning style.

PT AXIS IT Solution Indonesia (subsidiary of 株式会社アクシス AXIS CO.,LTD.), Jakarta — *Senior Software Engineer*

April 2019 - December 2019

- Modify existing Warehouse Management System following client's business requirements. The modifications include changes in software's user interface and its database structure.
- Mainly used Java and Oracle database for backend.

Innovative Electronics, Surabaya — *Senior Robotics and Embedded System Instructor*

March 2013 - March 2018

- Developing coursewares related to embedded system, single board computing system, and computer programming.
- Introducing the latest embedded system (Arduino and Raspberry Pi) in Vocational School's curriculum in the form of theoretical and project books.
- Providing in-house training and seminar.

Innovative Electronics, Surabaya — *Electronic Support Engineer*

March 2012 - February 2013

- Maintains every product's specification and technical information on Innovative Electronics' website.
- Developing Application Notes (small-scale embedded systems) using available product(s), so that consumers can have a better understanding in how and when to use the product(s).
- Giving a solution to the consumer's case by suggesting which product(s) to use and the general concept of how to realize the desired system.

SKILLS

JavaScript, Java, Python,
HTML, CSS, C/C++, MATLAB,
SQL

OOP, Microservices, MQTT
IoT Protocol, Image
Processing, Robotics,
Embedded systems

Sass (CSS), Express, React,
Vue, Sequelize (ORM), Git,
GitHub

Arduino, Raspberry Pi

AWARDS

Best 100 on Digital Talent
Scholarship

Guest Speaker at Universitas
Ma Chung

Guest Speaker at Universitas
Dian Nuswantoro

Cum Laude from STIKOM
Surabaya

LANGUAGES

English

Bahasa Indonesia

EDUCATION

Institut Teknologi Sepuluh Nopember, Surabaya — *Master's degree in Electrical and Electronics Engineering (GPA of 3.81)*

2016 - 2019

STIKOM Surabaya (now Universitas Dinamika), Surabaya — *Bachelor's degree in Computer Science (GPA of 3.94)*

2007 - 2011

PROJECTS

Automated Storage and Retrieval System (AS/RS) — PT SOFTEX INDONESIA

Modifying AS/RS following user's business requirements.

Warehouse Billing System — ITOCHU LOGISTICS CORP.

Modifying warehouse billing system following user's business requirements.

PUBLICATIONS

Heading Calculation from Sequence of Images Based on Corner Feature Detection and Optical Flow Algorithm — (ISBN. 978-1-5386-7654-7) IEEE

Research paper about an application of image processing algorithm for determining the heading of a camera. The heading was calculated by matching correspondence corner points between two captured frames then estimating possible transformation matrix between them.

Pembelajaran Aplikasi Antarmuka Mikrokontroler Arduino 2 untuk SMK — (ISBN. 978-602-73848-0-4) CV. DIGIWARE

Book aimed as one of the teaching materials for vocational school (Industrial Electronics Engineering).

Pembelajaran Mengenal Dasar Mikrokontroler Arduino 1 untuk SMK — Innovative Electronics

Book aimed as one of the teaching materials for vocational school (Industrial Electronics Engineering).