

# I.B. Dwi Satria Kusuma

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## EDUCATION

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- **Telkom University** Bandung, Indonesia  
*Bachelor of Informatics ; GPA: 3.36* 2014 – present
- **SMAN 2 Denpasar** Denpasar, Indonesia  
*Highschool* 2011 – 2014
- **SMP YPS Singkole** Sorowako, Sulawesi Selatan, Indonesia  
*Junior Highschool* 2008 – 2011
- **SD YPS Lawewu** Sorowako, Sulawesi Selatan, Indonesia  
*Elementary School* 2002 – 2008

## EXPERIENCE

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- **Tokocrypto** Indonesia  
*Junior Front End Developer* July 2018 – present
  - **Responsibility:** Developed company's application using ReactJS and React-Native
- **Heartenly** Indonesia  
*Intern* Agustus 2018 – September 2018
  - **Responsibility:** Use and test transfer learning method to set Pytorch ResNet for Heartenly's Image Classification Task and tried to implement the model on SageMaker
- **Freelance** Bandung, Indonesia  
*2D Motion Grapher, Designer, and Photographer* 2016 – present
- **SMP YPS Singkole** Sorowako, Luwu Timur, Indonesia  
*Fullstack Web Developer Intern* June 2017 – July 2017
  - **SMS Gateway:** Developed a web-based SMS Gateway system prototype using Code Igniter for backend and Bootstrap for frontend. The final prototype worked but have some limitations due to hardware used.
- **Multimedia Laboratory Telkom University** Bandung, Indonesia  
*Laboratory Assitant of Project Management — Animation Divison — Focus Group* 2016 - 2018
  - **Laboratory Assitant of Project Management - Project and Inventory Manager (2017-2018):** Worked as a project manager for lab's multimedia project. Led the team, managed the schedule and negotiated the budget for several projects. Logged lab's assets and inventory.
  - **Animation Division (2016-2017):** Learned animation and worked on several animation projects.
  - **Focus Group (2018):** Learned and researched on image processing and computer vision.
- **Telkom University National Futsal Championship 2017** Bandung Indonesia  
*Coordinator of Design, Documentation, and Decoration (3D) 2017 — Steering Committee of 3D 2018* 2017-2018
  - **Coordinator of 3D (2017):** Led and managed the design team to create beautiful and targeted design for the event. Led and managed the documentation team to documented the event. Led and managed the decoration team to create visually-pleasing decoration for the event.
  - **Steering Committee of 3D (2018):** Advised current coordinator of 3D.
- **Telkom Indonesia** Denpasar, Bali, Indonesia  
*Telkom Witel Denpasar - Access and Operation Division* May 2016 - July 2016
  - **Access and Operation support:** Supported the divison's works. Worked on customer and data service.
- **HIPMI PT Telkom** Bandung, 2014-2018  
*Cadre — Member of Operative Div. — Member of Medif Div.* May 2016 - July 2016
  - **Participant of Young Entrepreneur Camp 2015:** Learned about entrepreneurship and leadership.
  - **PRESTATIVE Cabinet - Cadre(2014-2015):** Learned as a new member of HIPMI PT Telkom.

- **FAST Cabiner - Operative Div. (2015-2016):** Worked as member of operation and creative division. Responsible on design, creative part.
- **PRESTISI Cabinet - Medif Div. (2016-2017):** Worked as Media and Creative Division. Responsible on design and video editing, creative part.

- **UKM Kesenian Bali Widyacana Murti** Bandung, Indonesia  
*Coordinator of Publication and Documentation* 2015-2017
  - **Coordinator:** Lead and managed student activity unit's publication and documenting unit's events and projects.
  - **Member of Dies Natalis 2015 Publication and Documentation Division:** Documented and created designs for the event
  - **Member of Dies Natalis 2016 Event Division:** Create event's concept and managed the event's opening and the main event
- **Keluarga Mahasiswa Hindu Telkom University** Bandung, Indonesia  
*Member of Sport Division — Editor in Chief of Rwa Bhineda Bulletin* 2014 - 2016
  - **Member of Sport Division (2014-2016):** Responsible for organized unit's sports activities.
  - **Editor in Chief of Rwa Bhineda Bulletin (2015-2016):** Responsible for led and managed the editorial staff to created bulletin and magazine respect to KMH Telkom University
  - **Member of Utsawa Dharma Gita IV 2015 Publication and Documentation Div.:** Responsible for documenting the event and designing event publication.

## PROJECTS

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- **Face Splicing Detection:** Final year project, a model for image manipulation detection using splicing technique which focus on face area.
- **Image Processing Python:** Personal project, image processing algorithm step by step with equations and theories on personal blog to help people learn about image processing field.
- **Machine Learning Python:** Personal project, machine learning algorithm step by step with equations and theories on personal blog to help people learn about fundamentals of machine learning.
- **Perslinimassa's Website:** Created and designed the student news and press website using Wordpress.
- **Taman Prakerti Bhuana's Website:** Created and designed the wedding organizer's website using Wordpress.
- **Personal Blog and Medium:** Wrote about computer science articles (mostly on Image Processing and Machine Learning) and literature.

## ACHIEVEMENTS

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- **1st Winner Video Competition (2017):** Vidhafest 5 ITB
- **2nd Winner Futsal Competition (2017):** Vidhafest 5 ITB
- **Best Cinematography (2016):** Lensa UI Short Film Competition
- **1st Winner Cover Design (2013):** Politeknik Negeri Bali IT Competition
- **1st Winner Design Competition using Adobe Photoshop Element:** Disdikpora Kota Denpasar (Rumah Pintar)
- **1st Winner Short Movie Competition (2012):** Ephoria, Economy Faculty Udayana University
- **3rd Winner Web Design Competition (2012):** New Media
- **2nd Winner IT Fiesta Web Design Competition using Power Point for Elementary School (2007):** BSW Gramedia