

Rudi A. Prihandoko

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Education

Institut Teknologi Bandung

B.SC. IN MATHEMATICS

- Got a Beasiswa Unggulan Scholarship which is given to students excel in olympiad and competition

Bandung, Indonesia

Sep. 2007 - Okt. 2012

Institut Teknologi Bandung

M.SC IN MATHEMATICS

- Got a Fresh Graduate Scholarship which is given to students graduated no more than 1 year

Bandung, Indonesia

Sep. 2013 - Okt. 2015

Experience

Department of Mathematics, Universitas Gadjah Mada

LECTURE

- Give lecture in Calculus for Faculty of Animal Science
- Give lecture in Calculus for Faculty of Agriculture
- Give lecture in Calculus II for Department of Agricultural and Biosystem Engineering
- Give tutorial for several basic courses including Calculus, Algebraic Structure, Introduction to Real Analysis, Complex Variable, Computational Mathematics, and Introduction to Numerical Analysis.
- Coordinating computing class for course in Computational Mathematics and Introduction to Numerical Analysis.

Yogyakarta, Indonesia

Aug. 2016 - PRESENT

Graduated Research on Elliptic Curve Cryptography, ITB (Prof. Budi Rahardjo)

RESEARCHER

Bandung, Indonesia

Jun. 2013 - Jun. 2015

International Mathematical Olympiad

OBSERVER A

- Observe the IMO with team leader point of view

Chiang Mai, Thailand

Jul. 2015

Graduated Research on Near Surface Lab, ITB (Dr. Darharta Dahrin)

SOFTWARE PROGRAMMER FOR SOFTWARE FOR GRAVITY ACQUISITION, PROCESSING, MODELING AND SIMULATION

- Simulation for non-compressible two phase and three phase injection

Bandung, Indonesia

Jul. 2014 - Jun. 2014

Department of Mathematics, Institut Teknologi Bandung

TEACHING ASSISTANT

- Give tutorial for several basic courses including Calculus (I and II), Geometry, Elementary Linear Algebra and Linear Algebra, Algebraic Structure, and Introduction to Real Analysis.

Bandung, Indonesia

Aug. 2009 - Mei. 2014

SEAMS School on Algebraic Curves

PARTICIPANT

Hanoi, Vietnam

Jul. 2013

Himpunan Matematika (Mathematics Students Associaton), Institut Teknologi Bandung

VICE PRESIDENT, ACADEMIC AFFAIRS

- Has responsibilities for planning, implementing, and coordinating the educational programs of the association.
- Leads two division, Academic division and Research Division

Bandung, Indonesia

Feb. 2010 - Mar. 2011

Ganesha Bersenyum

HEAD OF ASSOCIATION

- An association of students from Temanggung who are students in Institut Teknologi Bandung

Bandung, Indonesia

Jan. 2009 - Aug. 2010

Honors & Awards

INTERNATIONAL

2012 **Participant**, Mathematical Contest in Modeling/Interdisciplinary Contest in Modeling

Bandung, Indonesia

2011 **3rd Priza**, International Mathematical Competition

Blagoevgrad, Bulgaria

2009 **Honorable Mention**, International Mathematical Competition

Budapest, Hungary

2007 **Honorable Mention**, International Mathematical Olympiad

Hanoi, Vietnam

2007 **Bronze Medal**, Asia Pasific Mathematical Olympiad

Bandung, Indonesia

DOMESTIC

2011	1st Place , Mathematics Analysis and Geometry Day	<i>Bandung, Indonesia</i>
2010	1st Place , Mathematics Analysis and Geometry Day	<i>Bandung, Indonesia</i>
2009	1st Place , Mathematics Analysis and Geometry Day	<i>Bandung, Indonesia</i>
2006	1st Place , Lomba Matematika Nasional UGM	<i>Yogyakarta, Indonesia</i>
2004	Gold Medal , Olimpiade Sains Nasional on Mathematics	<i>Pekanbaru, Indonesia</i>
2003	Silver Medal , Olimpiade Sains Nasional on Mathematics	<i>Balikpapan, Indonesia</i>

Extracurricular Activity

Kontes Terbuka Olimpiade Matematika (Mathematical Olympiad Open Contest)

Indonesia

QUALITY CONTROL TEAM

Jun. 2015 - Dec. 2016

- Make sure that the problem is right and up to olympiad standard
- Control the level of the problem not too high but not too low either

Web Olimpiade.org

<http://olimpiade.org>

ADMINISTRATOR

Dec. 2013 - Dec. 2016

- Gained basic understanding in HTML, CSS, PHP, and LaTeX implementation on website.

Presentation

Seminar of Himpunan Peminat Aljabar (Association of Algebra)

Mataram, Indonesia

SPEAKER ON PARALLEL SEMINAR

Apr. 2015

- Speaker on Parallel Seminar with titled Algebraic Geometry Codes as Generalization of Reed-Solomon Codes

Program Committees

2016	Staff & Problem Writer , Olimpiade Sains Nasional on Mathematics	<i>Indonesia</i>
2015	Staff & Problem Writer , Olimpiade Sains Nasional on Mathematics	<i>Indonesia</i>
2014	Non-Scientific Committee , SEAMS School on Module Theory and Its Applications	<i>Bandung, Indonesia</i>
2014	Staff & Problem Writer , Olimpiade Sains Nasional on Mathematics	<i>Indonesia</i>
2013	Staff & Problem Writer , Olimpiade Sains Nasional on Mathematics	<i>Indonesia</i>
2009	Problem Writer , Olimpiade Sains Nasional on Mathematics	<i>Indonesia</i>