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# RYAN H S

RESEARCHER

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## Profile

Senior PHP Developer who likes to push the limit of "development" since 2011.

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## Education

SMKN 4 Bandung - (Vocational High School)  
Rekayasa Perangkat Lunak (Software Engineering)

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STMIK "amikbandung" - (Bachelor Degree)  
Teknik Informatika (Computer Science/Informatics) **3.53/4.00 GPA**

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Institut Teknologi Bandung - (Master Degree)  
Teknik Elektro Option Teknologi Media Dijital dan Game **3.42/4.00 GPA**

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## Awardee

Mahasiswa Program Beasiswa Unggulan, yang Mendapat Prestasi di Bidang Teknologi Informasi  
BPKLN Kemdikbud RI **2012**

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Tim Aplikasi PPDB SMK Provinsi Jawa Barat  
Dinas Pendidikan Provinsi Jawa Barat **2017**

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## Scholarships

Beasiswa Unggulan, Bachelor Degree  
Beasiswa Unggulan Masyarakat Berprestasi is a scholarship from government for Bachelor, Master and Doctoral. <https://beasiswaunggulan.kemdikbud.go.id/>

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Seamolec, Master Degree  
SEAMEO Regional Open Learning Centre (SEAMOLEC) is one of the 24 Centres under the auspices of Southeast Asian Ministers of Education Organization (SEAMEO) focusing in the field of Open and Distance Learning (ODL). <https://www.seamolec.org/>

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## Volunteer

### Lead Developer/Web Programmer - PPDB Kota Bandung

Local Education Authority trusted me to work on students registration projects (from elementary to junior to senior).

Since second year i became lead developer for this project. As a team we tweaked the website as hard as we can to make sure the website run smoothly for this events that held 1 month every year.

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## Lead Developer/Web Programmer - PPDB SMK Jawa Barat

In 2017 Local Education Authority in region trusted my team to work not only Bandung but for whole region (West Java). (The system created in pure C since 2014)

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### *Seminar Portfolio (as speaker)*

Hacking Black or White  
UNPAD **2009**

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Make Your Linux Powerfull  
UNPAD **2010**

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Web Design and Security in 2014 and Web Hacking Demo  
STMIK "amikbandung" **2013**

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The Future of Android  
Universitas Sangga Buana **2014**

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### *Workshop Portfolio (as trainer)*

Workshop Hacking  
STMIK "amikbandung" **08-19 February 2010**

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Workshop Hacking  
STMIK "amikbandung" **01-12 March 2010**

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### *Publication*

Domain Event Driven pada Aplikasi Komputer Catur: Logika Catur  
Tati Suprpti, Ryan H. Silalahi. KOPERTIP INDONESIA. Jan 01, 2017

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Optimization and modification of evaluation function in Stockfish chess engine  
U Asmi, AS Prihatmanto, R H Silalahi. IEEE. Dec 01, 2016

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Komparasi Algoritma Pengurutan untuk Penerimaan Peserta Didik Baru Kota Bandung  
Ryan H. Silalahi, Tati Suprpti. Universitas Jenderal Achmad Yani. Apr 01, 2015