Fathurahman Ma'ruf Hudoarma

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Education

Telkom University   *Bandung, Indonesia*
B.S. in Computational Science   *Aug. 2014 - Mar. 2018*

- GPA Score: 3.66/4.00
- I have been consistently praised as responsible by my professors and peers. Whether working on academic, extracurricular, or professional projects, i apply proven technical, analytical, and creative thinking skills.

Skills

Programming	Python, C/C++, Ruby, JAVA, Golang
Web	Django, React.js, Laravel, Vue.js
Graphic	Corel Draw, Photoshop
Languages	Indonesian, English, Deutsch

Experience

PT. Wijawa Kusuma Sukses   *Bekasi, Indonesia*
Web Designer (Freelance)   *Apr. 2017 - Nov. 2017*

- Design a web application with Content Management System (CMS) that can support and help the administrative supervisor.

Indonesian Institute of Sciences   *Bogor, Indonesia*
Researcher (Internship Program)   *May 2017 - Aug. 2017*

- Researched Grid Refinement algorithms to improve accuracy of blood flow simulation with Navier-Stokes equations and Lattice Boltzmann method

High Performance Computing Research Group Telkom University   *Bandung, Indonesia*
Parallel Computing Division   *Jan. 2017 - May. 2017*

- Researched parallel algorithms using OpenMP to improve performance and reduce time complexity that implements in Images Overlay with Noise Reduction and Contrast Enhancement.

Informatics Laboratory of Telkom University   *Bandung, Indonesia*
Practicum Assistant   *Jan. 2016 - Apr. 2017*

- Teach and assist students in practice as needed to establish programming skills and logical analysis.

PT. Pos Indonesia   *Lamongan, Indonesia*
IT Support (Internship Program)   *May 2016 - Jul. 2016*

- Improving the functionality of the software to be more optimal and troubleshooting hardware and software.

Extracurricular Activity

IEEE Student Branch Telkom University   *Bandung, Indonesia*
Head of Membership Development   *Apr. 2016 - Dec. 2017*

- Gained expertise in manages student resources operations by recruiting, selecting, orienting, training, coaching, counseling, and disciplining member.
- Planning, monitoring, appraising, and reviewing organization events.
- Participated on IEEE conferences and several programming competitions.
- Held several seminars about the latest technology.

Himpunan Mahasiswa Ilmu Komputasi *Bandung, Indonesia*

External Relations Staff *Jan. 2016 - Dec. 2016*

- Gained expertise in relating with other organizations and companies.
- Proposed various marketing and network activities to raise relationship with others.
- Held several meeting session with other related organizations.

Honors & Awards

International

2017	**Winner**, IEEE Region 10 Website Contest	*Singapore*
2016	**Participant**, IEEEXtreme 24-Hours Programming Competition 10.0	*Internet-Based*
2015	**Participant**, IEEEXtreme 24-Hours Programming Competition 9.0	*Internet-Based*

Domestic

2018	**Published**, Analisis Aliran Darah dalam Pembuluh Arteri Menggunakan Persamaan Navier-Stokes dan Metode Lattice-Boltzmann. Jurnal Matematka UNUD, Vol. 7, No. 1, ISSN:2303-1751	*Bali, Indonesia*
2014	**Finalist**, ILCF Telkom University Scrabble Competition	*Bandung, Indonesia*

Program Committees

2017	**Creative Event**, Telkom Eduphoria: "Innovation, Education, Eduphoria!"	*Bandung, Indonesia*
2017	**Steering Committee**, Insight 2017: "Be Creative with Arts and be Fame with Technologies"	*Bandung, Indonesia*
2016	**Publication and Documentation**, IEEE Distinguished Lecturer Program: "5G & Future Wireless Internet and Embedded Memory Technology, Applications and Future Prospects"	*Bandung, Indonesia*
2016	**Chief Executive**, IEEE Campus Programming Competition	*Bandung, Indonesia*
2015	**Co-Organizer**, Konferensi Big Data Indonesia	*Bandung, Indonesia*
2015	**Co-Organizer**, International Joint Conferences IEEE & LIPI: ICATDEV, ICRAMET & IC3INA	*Bandung, Indonesia*