

Fathurahman Ma'ruf Hudoarma

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Summary

Fresh Graduate. Well experienced in web design, back-end development, mathematics simulation, and parallel computing. Super nerd who loves Visual Studio Code, Linux, and Android and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging and learning new technologies or tools if the need arises.

Experience

PT. Wijaya 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.

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.

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

EXTERNAL RELATIONS STAFF

Bandung, Indonesia

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

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

DOMESTIC

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

Program Committees

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| 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 |