

Mochammad Hazmi Cokro Mandiri

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Hazmi is a fresh graduate from the University of Muhammadiyah Malang, Informatics Study Program with a focus on data science. He is a strong-willed, learning-loving, and effective person who is always hungry for new knowledge. In addition to having an interest in data and machine learning, he also has little experience in the field of web development, especially on our frontend wordpress development.

Education

University of Muhammadiyah Malang | Informatics | GPA : 3.84

Sep 2017 – Aug 2021

Working Experiences

1. Frontend WordPress Developer Apprentice (Tempat Belajar)

May 2022 - Aug 2022

- Develop and maintained of tempatbelajar.id website
- Conduct research and solve bug problems faced on the website tempatbelajar.id
- Collaborating between company divisions in contributing to the website with product manager, copywriters, graphic design, and digital marketers

2. Frontend WordPress Developer Intern (RUVODO WebApps)

Jan 2022 – Mar 2022

- Develop and maintained of symadeco, mudahpesan, deqina and farifish website
- Coordinate with product managers to meet desired project requirements, objectives, and functionality
- Manage website development projects from initial design to completion, optimizing all cross-browser and multi-platform compatibility

3. Frontend WordPress Developer Intern (Badan Pengawas Pemilu Kota Batu)

Jan 2020 – Feb 2020

- Develop and integrate customized themes into WordPress
- Conduct training for staff on handling website content management systems
- Implemented enhancements that improved web functionality and responsiveness

Skills

HTML, CSS, JavaScript, Python, PHP, SQL, Google Data Studio, WordPress, Elementor, WpBakery

Certification

1. Digital Marketing

Issued Jan 2022 · Expires Jan 2025

Badan Nasional Sertifikasi Profesi (BNSP) – LSP Teknologi Digital

This certification is tested in accordance with the Standard Kompetensi Kerja Nasional Indonesia (SKKNI) for the field of digital marketing [[Certificate](#)]

2. Database Administrator

Issued Oct 2021 · Expires Oct 2024

Badan Nasional Sertifikasi Profesi (BNSP) – LSP University of Muhammadiyah Malang

This certification is tested in accordance with the Standard Kompetensi Kerja Nasional Indonesia (SKKNI) for the field of database administrator [[Certificate](#)]

Informal Education

1. Graphic Design and Digital Marketing (Karisma Academy with Kemendikbud RI)

Sep 2021 – Jan 2022

- In this training I was given a case study, namely a stationery business, I succeeded in doing a buyer persona research, create a corporate identity design and publish a website landing page using wordpress. After the training, I got a bonus to be able to take the BNSP certification exam in the field of digital marketing

2. Artificial Intelligence (Digital Talent Scholarship – Huawei with Kominfo RI)

Jul 2021 – Sep 2021

- In this training I learned machine learning and artificial intelligence materials using tensorflow, I was given knowledge about huawei products such as huawei cloud storage

3. Data Literate Bootcamp (Data Science Club – University of Muhammadiyah Malang)

Dec 2020 – Jan 2021

- In this training I was given a case study to make a final project based on the material / algorithm that has been given during the training. In the final project I managed to complete it with the title Classification of Cardiovascular Disease Using eXtreme Gradient Boosting (XGBoost)

4. Machine Learning - IDCamp (Indosat Ooredoo with Dicoding Academy)

May 2020 – Oct 2020

- In this training I learned about making system recommendations for film titles by genre, processing time series data, in addition creating and deploy machine learning models using CNN algorithms to predict images of rock paper scissors

Technical Projects

1. Classification of Diabetic Retinopathy Disease in the Eyes Using EfficientNet-B7 Model

- Developed a machine learning model to classify images into the class of diabetic retinopathy [[Article](#)]
- Conducted tests on the influence of preprocessing techniques and augmentation processes on machine learning models created [[Demo](#)] [[Repo](#)]

2. Classification COVID-19 using Gabor Filter and CNN with Hyperparameter Tuning

- Developed a machine learning model to classify CT-Scan images as belonging to the COVID-19 disease class category or not [[Article](#)]
- Implementing the Gabor Filter preprocessing technique on CT-Scan images of COVID-19 disease
- Implementation of hyperparameter tuning to provide the best parameters for the proposed model [[Repo](#)]

3. Convolutional Neural Network with Hyperparameter Tuning for Brain Tumor Classification [[Article](#)] [[Repo](#)]

4. Classification of Cardiovascular Disease Using eXtreme Gradient Boosting (XGBoost) [[Article](#)] [[Repo](#)]

5. Official Website Tempat Belajar using Elementor – WordPress [[Website](#)]

6. Official Website Bawaslu Kota Batu using Elementor - WordPress [[Website](#)]

7. Official Website mudahpesan.com using Elementor - WordPress [[Website](#)]

8. Official Website symadeco.com using Elementor - WordPress [[Website](#)]

9. [And many more...](#)

Publications

1. A. E. Minarno, M. H. C. Mandiri, Y. Azhar, and F. Bimantoro, "Classification of Diabetic Retinopathy Disease Using Convolutional Neural Network," vol. 6, no. March, pp. 12–18, 2022. [[Article](#)] [[Demo](#)] [[Repo](#)]
2. A. E. Minarno, M. H. C. Mandiri, and M. R. Alfarizy, "Klasifikasi COVID-19 menggunakan Filter Gabor dan CNN dengan Hyperparameter Tuning," *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 9, no. 3, p. 493, 2021, doi: 10.26760/elkomika.v9i3.493. [[Article](#)] [[Repo](#)]
3. A. E. Minarno, M. H. C. Mandiri, Y. Munarko, and H. Hariyady, "Convolutional Neural Network with Hyperparameter Tuning for Brain Tumor Classification," *Kinet. Game Technol. Inf. Syst. Comput. Network, Comput. Electron. Control*, vol. 4, 2021, doi: 10.22219/kinetik.v6i2.1219. [[Article](#)] [[Repo](#)]
4. M. R. Alfarizy, M. H. C. Mandiri, and Y. Azhar, "Penentuan Prioritas Perbaikan Jalan di Desa Gawan Menggunakan Algoritma Analytical Hierarchy Process," *J. Inform.*, vol. 8, no. 1, pp. 1–9, 2021, doi: 10.31294/ji.v8i1.8316. [[Article](#)]

Volunteer

1. Education Volunteer (University Of Muhammadiyah Malang)

Sep 2020 – Oct 2020

Location : Pondok Pesantren Muhammadiyah Al-Munawwaroh, Malang

- Participate in the website WordPress development team of Madrasah Al-Munawwaroh Malang [[Article](#)]
- Provide education about computer operation and maintenance students and staff

2. Education Volunteer (DPPM - University Of Muhammadiyah Malang)

May 2018 – Jun 2018

Location : Krajan, Sumbersekar Village, Malang Regency

- Make an automatic watering device based on time for citrus plantations in Krajan, Malang [[Article](#)]
- Conduct education about procedures for maintaining automatic watering equipment

Languages

- Bahasa Indonesia – Native Proficiency
- English – Intermediate Proficiency