

OSTWALD PADANG

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SUMMARY

As a 5th-semester Mining Engineering student with a GPA of 3.85, I have gained hands-on experiences through internships and active involvement in organizations. Proficient in mining software such as Minex, Surpac, QGIS, Dips, Rockscience Slide, ArcGIS, and Microsoft Office, I am committed to continuous improvement and success in the mining industry. Skilled in hydrology, groundwater management, mine planning, and statistical data analysis, I excel in ensuring efficient operations and safety.

EDUCATION EXPERIENCE

Jember University | Mining Engineering

Aug 2022 - Present

IPK: 3.85/4.00

Relevant Courses: Mine Geotechnics, Mine Drainage, Green Mining, OHS and Environment, Rock Mechanics, Structural Geology, Statistics, Survey and Mapping, Mechanics Fluida, Underground Stability, Blasting, Mine Drainage, Mining Investment Analysis.

Research Projects:

- Slope analysis and landslide mitigation in Banyuwangi.
- Proposed a 450-watt electricity generation project using acid mine water.
- Conducted independent research on the impact of excavation on water quality, including heavy metal content analysis.

Senior High School | IPA

Aug 2019 – May 2022

Nilai Akhir Sekolah (US/UAS): 95,35/100

- Achieved 2nd position in the District-level National Science Olympiad (KSN) in Physics and secured a position in the top 10 at the Provincial-level KSN in Physics, demonstrating proficiency and dedication to the subject.
- Consistently earned gold and bronze medals in various online Olympiads, highlighting a continuous pursuit of excellence and success in academic competitions.

PROFESSIONAL EXPERIENCE

PT. Pertama Mina Sutra Perkasa | Engineer Intern

Agu 2024- Oct 2024

- Conducted statistical data analysis to increase sales and production efficiency.
- Planned and implemented data representation strategies to improve company profit.
- Completed Job Safety Analysis (JSA) and Incident and Problem-Based Risk (IPBR) assessments.
- Designed blast geometry based on RMR 72 and RMD 95.

Edumatrix | Private Tutor

Sept 2024- Present

- Tutored 4 university students, 3 high school Olympiad participants, and 5 middle school students
- Designed custom teaching programs and facilitated two-way communication to enhance learning outcomes.

Brilliant Jember Private Tutoring

June 2023 - June 2024

- Mentored 10 students, with success in guiding high school students to university admission and junior high students to preferred schools.

ORGANIZATIONAL EXPERIENCE

Himpunan Mahasiswa Tambang (HIMATA)

Jun 2023 – Dec 2023

- Coordinated a QGIS session for 100 participants and organized a CV writing workshop attended by 100 students.

PPDU (Persatuan Pelajar Dairi Unggul)

Jun 2020 – Jun 2021

- Spearheaded the formation of an academic organization involving students from 15 public and private schools in Dairi Regency.

CERTIFICATIONS

Reclamation Training for Mining Engineering (UNEJ)

May 2023

LKMM-TD

March 2023

English Certificate

Dec 2021

Physics Olympiad Certification (KSN-K)

May 2021

Excel

Agu 2024

Health, Safety, and Environment

Jul 2024

Internet Safety

Agu 2024

SKILLS

Minex | Surpac | QGIS | ArcGIS | Rocscience Slide | Dips | Excel | Word | PowerPoint | Data Analysis | Management | Problem Solving | Communication | Teamwork | Teaching | Program Development | Canva | Leadership | Interpersonal | Google Workspace | Mechanical Engineering | Public Speaking | Presentation | C (Programming Language) | IBM SPSS | Statistical Process Control (SPC) |