

Sekar Chiara Ayu

Fresh Graduate Bachelor of Science in Geology at University of Indonesia
+6281210678916 | sekarchiara@gmail.com | linkedin.com/in/sekarchiara

S U M M A R Y

A fresh graduate Bachelor of Science majoring in Geology at University of Indonesia. I always striving to bring the best of me to the responsibilities and work that i take. I put my interests on Mineralogy, Sedimentology, Geothermal Geology, Petrography, Paleontology, and Petroleum Geology. I am willing to learn more and grow professionally. with excellent proficiency in written and spoken English.

E D U C A T I O N

Universitas Indonesia - Depok, Indonesia

Bachelor of Science, Major of Geology

August 2018 - August 2022

- Grade : 3.74 out of 4.00 (Cumlaude Predicate)
- Learning and applying with subjects such as : Crystallography and Mineralogy, Structural Geology, Petrology, Mineral Optics and Petrography, Sedimentology, Paleontology, Project Management, Geothermal Geology, Exploration Geology, Sequence Stratigraphy, Analysis of Petroleum Wells, Sediment Ore Minerals and Hydrothermal, Seismic Interpretation and Subsurface Mapping, Coal Geology, and the others.
- Activities and Societies : Member of Himpunan Mahasiswa Geologi Universitas Indonesia (Kaldera UI), American Association of Petroleum Geologist Student Chapter (AAPG UI SC), Seksi Mahasiswa Ikatan Ahli Geologi Indonesia (SM-IAGI UI), and Society of Petroleum Engineers (SPE UI SC).

P U B L I C A T I O N

"SWOT Analysis for Accelerating Eastern Indonesia Oil and Gas Exploration" presented and published on 4th Research Forum 2021 Indonesian Society of Petroleum Geologists (ISPG).

P R O F E S S I O N A L E X P E R I E N C E

Pusat Penelitian dan Pengembangan Teknologi Minyak Dan Gas Bumi (PPPTMGB)

LEMIGAS - Jakarta, Indonesia

Bachelor Thesis Student

April 2022

- Doing my thesis with a specialize in Stratigraphy and Micropaleontology, in Exploration I Division of Stratigraphy Group in LEMIGAS
- Under the auspices of Drs. Abdul Kholiq
- Reference: Drs. Abdul Kholiq (Penyelidik Bumi Madya) | +62 877 8020 1965 | abdul.kholiq2520@gmail.com

Geoscience Department, Universitas Indonesia - Depok, Indonesia

Research Student

November 2021 - July 2022

- Undertaking a research topic with a title "Paleoecological Analysis on Limestone of the Klapanunggal Formation, Klapanunggal District, West Java Province"
- Under the auspices of Mr. Rezky Aditiyo, M.T.

Lecturer Assistant of Oil and Gas Well Analysis

September 2021 - January 2022

- Teached 90+ students about basic knowledge of well analysis for oil and gas industry.
- Guided, tested, and evaluated the paperworks and reports of the students.
- Under the auspices of Mr. Ir. Mustoto, M.T.
- Reference: Mr. Ir. Mustoto, M.T (Lecturer) | +62 817 0863 643

Lecturer Assistant of Petroleum and Coal Geology

September 2021 - January 2022

- Taught about basic petroleum and coal geology for geophysics students.
- Set and mark assignments as well as assessing the work and progress of students by reference to defined criteria and provide constructive feedback to students.
- Under the auspices of Mr. Rezky Aditiyo, M.T.
- Reference: Mr. Rezky Aditiyo, M.T. (Lecturer) | +62 821 1973 3387 | rezkyaditiyo@sci.ui.ac.id

Lecturer Assistant of Basin Stratigraphy and Depositional Environment September 2021 - January 2022

- Taught and guided the students about various depositional environment and its relation with stratigraphy.
- Set and mark assignments as well as assessing the work and progress of students by reference to defined criteria and provide constructive feedback to students.
- Under the auspices of Mr. Rezky Aditiyo, M.T.

Lecturer Assistant of Coordinator of Mineral Optics and Petrography

March 2021 - July 2022

- Responsible to coordinate and organized the laboratory activities and lead other 5 lecturer assistants.
- Taught and guided the students with samples of mineral petrography, igneous, sedimentary, and metamorphic rock thin sections.
- Guided, tested, and evaluated the paperworks and reports of the students every week.
- Under the auspices of Mr. Gamma Abdul Jabbar, M.Sc. and Mrs. Tri Rani Puji Astuti, S.T., M.Eng.
- Reference: Mrs. Tri Rani Puji Astuti, S.T., M.Eng. | +62 812 2455 5960 | trirani@sci.ui.ac.id

Lecturer Assistant of Paleontology

August 2020 - January 2021

- Taught and guided the students with samples of fossilization, brachiopods, cnidarians, bryozoans, gastropods, bivalves, echinoderms, chepalopods, and trace fossils.
- Set and mark assignments as well as assessing the work and progress of students by reference to defined criteria and provide constructive feedback to students.
- Under the auspices of Mr. Rezky Aditiyo, M.T.

Lecturer Assistant of Crystallography and Mineralogy

February 2020 - January 2021

- Assisted and guided the students with various samples of minerals and crystals.
- Envisioned the curriculum for laboratory work teaching materials, assignments, and exams with a team of lecturer assistants.
- Guided, tested, and evaluated the paperworks and reports of the students every week.
- Under the auspices of Mr. Ade Kadarusman, PhD, MAusIMM and Mrs. Tri Rani Puji Astuti, S.T., M.Eng.

PT Indonesia Power PLTP Kamojang POMU - Bandung, Indonesia

Geothermal Engineer Intern

August 2021

- Held online through Microsoft Teams platform for weekly discussion meeting.
- Analyzed the Thermal Turbine Efficiency Data of Kamojang Powerplant 3rd Unit.
- Studied the properties of power plant system within dry steam-single flash units.

Enerka Company - Jakarta, Indonesia

Research Associate

December 2020 - June 2021

- The first online education platform of energy sector in Indonesia by practitioners both in fossil energy & new renewable energy.
- Undertaking a research paper with a title "SWOT Analysis for Accelerating Eastern Indonesia Oil and Gas Exploration" with other practitioners and will be presented in the 45th IPA Convention and Exhibition on September 2021 that already presented and published on 4th Research Forum 2021 Indonesian Society of Petroleum Geologists (ISPG).
- Completed 8 modules class with a with a title "Slimhole Drilling Application in Geothermal Exploration Project in Indonesia".

ORGANIZATIONAL EXPERIENCE

American Association of Petroleum Geologists University of Indonesia Student Chapter (AAPG UI SC) - Depok, Indonesia

Event Manager

February 2020 - January 2021

- Responsible to organize and manage all of the event activities in AAPG UI SC such as organizing event & course, contacting all of the professionals, and lead 7 staffs on it.
- Managed and held many events & courses such as :
 1. Grand Opening for AAPG UI SC 2020 new members.
 2. Colosseum (Class of Petroleum) is a study class for AAPG Members that aiming to give the basic of petroleum system with professional speakers.
 3. Onshore (Online Sharing with the Professional) is an 10 times online sharing session due to the pandemic season to give a chance for public who have an interest in oil & gas to get a free knowledge.

Event Staff

February 2019 - January 2020

- Managed the course and event activities AAPG UI SC for the whole year of 2019.
- Being a Master of Ceremony for Grand Opening AAPG UI SC batch 2019.

Himpunan Mahasiswa Geosains Universitas Indonesia (HMGs UI) - Depok, Indonesia

Human Resources and Development Staff

May 2019 - December 2019

- Responsible to maintain the internal relationship and human resources operations for all of the staffs on HMGs UI.
- Evaluated the working programs for all divisions.
- Provide the best possible working environment for all divisions within the organization.

VOLUNTEERING EXPERIENCE

Geoscience Gigantic Competition Universitas Indonesia (GGC UI) - Depok, Indonesia

Person in Charge of Public Relations and Media Partner Division

September 2019 - February 2020

- Lead 8 staffs and had responsibility to organize and manage all of the media partner necessary such as searching and contacting all the media partners that are potential to be work with.
- Explain what GGC UI is and build the awareness about disaster mitigation in some senior high school around Jakarta and Depok.

Geoscience Exploration Competition Universitas Indonesia (GEco UI) - Depok, Indonesia

Event Staff

May 2019 - Oktober 2019

- Organized the gala dinner event that attended by all participants from several university across Indonesia and sponsor companies who support this event.

Schlumberger Indonesia (Cikarang, Indonesia)

Company Visit Participant

September 2019

- Visiting the Schlumberger Indonesia Company Cikarang Integrated Base with Society of Petroleum Engineer Universitas Indonesia Student Chapter (SPE UI SC).

TOSSAKA 15th Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia - Depok, Indonesia)

Roadshow Staff

October 2018 - January 2019

- Explain to 20 senior high schools around Tangerang Selatan about TOSSAKA 15th which is a try-out event that specially made for senior high school students held under Executive Council FMIPA UI.

Young Entrepreneur Days Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Indonesia (YED FMIPA UI) - Depok, Indonesia)

Judges Liaison Officer

September 2018 - November 2018

- Entrepreneurship-based competition that held annually under the Entrepreneurship Division of Executive Council FMIPA UI.
- Responsible as the "bridges" between judges of the competition and the participants.

Arts and Cultural Academy and National Heritage ASWARA - Kuala Lumpur, Malaysia

Indonesia Delegates for Cultural Workshop

April 2017

- Attend the Cultural Workshop and being the representatives of Indonesia by performing the cultural performance of Saman Dance in front of the students of Arts and Cultural Academy and National Heritage ASWARA, Kuala Lumpur, Malaysia.

Unity Primary School - Singapore

Indonesia Delegates for International Friendship Day

April 2017

- Attend the International Friendship Day 2017 and being the representatives of Indonesia by performing the cultural performance of Saman Dance in front of the students in Unity Primary School, Singapore.

Kamphaeng Phet Rajabhat University - Kamphaeng Phet, Thailand

Indonesia Delegates for ASEAN Youth Camp

March 2016

- Attend the ASEAN Youth Camp 2016 and being the representatives of Indonesia by performing the cultural performance of Saman Dance in front of the representatives from ASEAN countries.

Bansomdejchaopraya Rajabhat University - Bangkok, Thailand

Indonesia Delegates for ASEAN Youth Camp

March 2016

- Being the representatives of Indonesia by performing the cultural performance of Saman Dance in front of the representative from ASEAN countries and Indonesia's Minister.
- Attend the cultural workshop with other representatives from ASEAN countries.
- Teached the representatives from ASEAN countries about Indonesia's cultures.

C E R T I F I C A T E S

- Certified as Student Intern in PT Indonesia Power PLTP Kamojang POMU - August 2021
- Certified as Most Outstanding Finalist in Entrepreneurship Category of FMIPA UI 2020 - March 2020
- Certified as Participant of Company Visit Schlumberger Indonesia - September 2019
- Delegates of Indonesia for International Friendship Day, in Unity Primary School, Singapore - April 2017
- Delegates of Indonesia for ASEAN Youth Camp in Kamphaeng Phet Rajabhat University, Thailand - March 2016
- Delegates of Indonesia for Cultural Performance and Workshop of Indonesian Dance in Bansomdejchaopraya Rajabhat University signed by Indonesia's Minister - March 2016

S K I L L S A N D E X P E R T I S E S

Adobe Illustrator | Arc Gis | Dips | Global Mapper | Mine Scape | Microsoft Office | Stereonet | TSG 8 | Wintensor | Adaptability | Communicative | Critical Thinking | Leadership | Team Work