

SELEKOU KONSTANTINA

Analytical Chemist

selekou.konstantina@gmail.com | +30 697 516 1705 | Chania, Crete

SUMMARY

Analytical Chemist with an academic background in environmental and petroleum chemistry and extensive experience in laboratory analysis of fuels, petroleum products and environmental samples. Skilled in advanced analytical instrumentation. Experienced in supporting research projects, method application, and laboratory operations.

WORK EXPERIENCE

Institute of GeoEnergy (IG/FORTH) Oct 2020 – Present

Technical Scientific Staff

- Conduct physicochemical and compositional analysis of fuels using ASTM, ISO, IP methods
- Perform environmental sample analysis for petroleum contamination identification (fingerprinting)
- Operate and support advanced analytical systems
- Responsible for operation, maintenance and troubleshooting of laboratory instrumentation
- Contribute to research projects and support PhD research activities through analytical measurements and lab assistance

Technical University of Crete 2019 – 2020

Analytical Chemist (FORTH scholar –MSc)

- Performed analyses using GC-FID and GC-MS
- Characterization of source rocks using Rock-Eval and Elemental Analyzer

MIKROTECHNIKI (Scientific Instruments Lab) 2017

Laboratory Assistant

- Maintenance of analytical instruments – study and interpretation of technical manuals – communication and administrative support

Hellenic Army – Fuel Depot (Internship) 2016

Analytical Chemist Intern

- Q/C analysis of fuels, lubricants, and antifreezes
- Use of specialized instrumentation and participation in diagnostic studies of mechanical wear in military equipment

EDUCATION

MSc in Petroleum Engineering 2018 – 2020
Technical University of Crete | Helleniq Energy scholar

Diploma in Chemistry 2012 – 2017
Aristotle University of Thessaloniki | GPA: 8.14/10

TECHNICAL SKILLS

- GC-FID/BID | GC-MS | EA/GC-IRMS | Rock-Eval | FTIR | UV-Vis | RF
- ASTM, ISO, IP methods | MS Office | Web Design (Content Structuring/ Architecture)

SOFT SKILLS

Communication | Teamwork | Time Management | Critical Thinking

LANGUAGES

Greek (native speaker) | English (C2)