

SPYROS KYRIMIS

MEng Chemical Engineer



PROFESSIONAL EXPERIENCE

AristEng

Chemical Engineer

02/2024-Present

Advanced conceptual process & product design. Feasibility studies. Techno-economic evaluation. Market analysis. Technology benchmarking. Business models.

National Technical University of Athens (LIEE, Chemical Engineering)

Associate Researcher

03/2022-Present

Research & administrative activities. Support of laboratory teaching on undergraduate and postgraduate courses. Coordinator & Mentor of LIEE Business Game at universities in 3 cities of Greece. Data analysis for research activities. Contract. Recommendations available.

02/2024: Sustainability of energy projects, Hellenic Energy Competence Center P.C.

11/2023: Safe hydrogen injection management in the natural gas network (SHIMANAGAN), Hellenic Energy Competence Center P.C.

Hellenic Army

Chemical Engineer

01/2023-12/2023

Fuel storage & supply. Production operations, quality control & quality assurance in Antifreeze Recycling Unit. Recommendations available.

Break-Even Consulting

Engineering Consultant

07/2022-12/2022

Energy and environmental strategy issues. Support for consulting projects. Part-time. Recommendations available.

11/2022: Technical consultant for waste treatment units in industrial areas

07/2022: Investigation of installation of a 1 MW biogas power plant in Patras

07/2022: Technoeconomic analysis of a 3 MW biogas power plant in Etoloakarnania

Motor Oil Hellas (Corinth Refineries)

Process Engineer

07/2019 & 08/2022

Maintenance, operation, design and processing issues (mechanical equipment, pyrophoric materials, P&ID diagrams, HAZOP studies, statistical analysis for unit shutdowns) at Fluid Catalytic Cracking (FCC) department. Internship. Recommendations available.

Public Power Corporation (Keratea-Lavrio Power Plant)

Chemical Engineer

10/2021

Quality control, operation, maintenance, design and optimization issues (combined cycle plants, waste treatment). Internship.

EDUCATION

Master of Engineering – National Technical University of Athens

Chemical Engineering, Process design flow

09/2017-07/2022

Grade: 9.04/10 (top 7.5% of 2022 graduates)

Thesis: Development of a decision-making system for epidemiological risk management based on system control techniques, MEng Degree thesis, supervision by Prof. H. Sarimveis

Honors: Thomaidius award for outstanding performance for academic year 21-22 (3rd place)

06/2022: Energy systems applications, Session to NTUA students

02/2022: Utilization of coffee residues for the production of Biodiesel and Activated Carbon in Greece, Business plan

01/2022: Non-isothermal reactors system optimization, Excel process simulation

05/2021: Utilization of grain residues for the production of basic biorefinery biochemicals, Design study

01/2020: Acetone recovery from discharged air stream by freezing, Excel process simulation



Athens, GR (Open to remote)
Nikea, 18453



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[Spyros Kyrimis](#)



GR (native), EN (C2), DE (B2)



14/06/1999, Nikea

TECHNICAL SKILLS

MS Office (Especially MS Excel), MATLAB, Python, SPSS Statistics, ASPEN Process Simulator, AutoCAD, Mathcad, Image-Sound-Video editing

SOFT SKILLS

Passion, Flexibility, Initiative taking, Creativity, Public speaking

INTERESTS

- Music (guitar, piano, drums)
- Sports (basketball, football, tennis, table tennis)

LICENSES & CERTIFICATIONS

12/2023: Biofuels, The Open University

12/2023: Energy Resources: Solar Energy, The Open University

11/2023: Sustainability and Industry, Technical Chamber of Greece

10/2022: License to Practice the Profession of Engineer, Technical Chamber of Greece

06/2022: 13th Panhellenic Conference of Chemical Engineering, Patras

03/2018-05/2021: CHEMECON Seminars, Workshops & Networking

VOLUNTARY EXPERIENCE

06/2018-01/2023: High school Maths, Physics & Chemistry teacher of 9 students

04/2022-10/2022: Mega Green Innovation Competition, MEGA & NTUA

03/2019-06/2022: Forum of Chemical Engineering NTUA website support

10/2018-05/2022: Laboratory support on 6 NTUA undergraduate courses.