

STEPHANOS CHRISTOU

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Profile

Motivated and trustworthy graduate chemical engineer with a strong foundation and a passion for innovation. Seeking an entry-level job to apply my knowledge and contribute to an impactful project within a dynamic organisation.

Education

Swansea University, Wales UK **2020-2023**

BEng (Hons) Degree in Chemical Engineering (IChemE accredited)

Achieved 2:1

Apolytirion Results Paralimni Lyceum **2016-2019**

Advanced subjects Mathematics, Physics, Chemistry, Biology

Overall, third year grade **17.3/20**

Cosmognosis English school **2013-2020**

- IELTS (2020) - Overall band score **7.5/9** (Speaking-Writing-Listening-Reading)
- Cambridge IGCSE English as a second language Grade: **B**

Work Experience

National Service Cyprus Military **June 2019 - September 2020**

- Specialised tactical and technical training for the safety of the Southeast coast of Cyprus.
- Responsible for safety and maintenance of firearms and ammunition on camp
- Daily routine including rigorous cleaning of work environment.
- On call guard duty 24/7

Chemical Engineering Experience

Process and Pilot Plant

- Comprehensive understanding of heat exchangers, distillation column and water-cooling tower.
- Undergone start up, operating and shut down procedures for each process.
- Multiple experimental procedures for a better understanding on the physics and thermodynamics of each process

Chemical Engineering Design Project - On site - Hydrogen Production (Electrolysis)

- Achieved best design project poster presentation of the year.
- Responsible for the calculations, P&ID design and simulation design (Unisim) of a triple effect evaporator.
- Group HAZOP study over an Electrolysis process.

Mechanical Design

- In depth mechanical design of a triple effect evaporator
- In depth mechanical design of a heat exchanger

Skills

- **Languages:** English (Native), Greek (Native)
- **Tools & Technologies:** Microsoft office, AutoCAD, Unisim
- **Programming Languages:** Python (Intermediate)
- **Non-technical skills:** Critical reasoning, ability to problem solve, adaptable, resourceful, and organised, able to work under pressure and attention to detail.

Achievements

- Online advanced excel course certificate
- Online python programming course
- PADI Advanced open water diver certificate
- 2nd Dan black belt certificate

References

Academic Supervisor - j.m.courtney@swansea.ac.uk

Further work references can be provided on request.