

Thinhinane Iguer

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CAREER OBJECTIVE

To work in an enterprise where I can utilize my education and knowledge of Environmental Engineering to solve major problems that relate to pollution and its impact on public health.

EDUCATION

State Engineer degree in Environmental Engineering **2017**

Ecole Nationale Polytechnique, Algeria

- Officially accredited by the Ministry of Higher Education and Scientific Research of Algeria. This institution has a selective admission policy based on entrance examinations.
- Related coursework: bioreactors, reactors, physicochemical unitary operations, biological unitary operations, hydrogeology, microbiology, biochemistry, general and urban hydraulics, atmospheric pollution, solid waste management.

PROFESSIONAL EXPERIENCE

Environmental Engineer Project Coordinator Intern **2017**

National Center of Nuclear Research, Algiers, Algeria

Responsible for the implementation of programs and development in the field of energy and technologies.

- Worked on a national research project and assessed soil erosion ratios.
- Studied the distribution of Cs-137 in the soil by gamma spectrometry and applied it to the assessment of soil particle movements.
- Developed sampling strategies and picked sites of studies.
- Drilled, took samples and analyzed them.
- Determined the erosion rate of the site.
- Completed my final thesis based on my work at the National Nuclear Center. It was 100+ pages and it was published in both the Nuclear Center-and the school libraries to be used as a reference.

Environmental Engineer Trainee **2016**

ADE (Algerian Company of Waters), Tizi-Ouzou, Algeria

Largest drinking and industrial water supplier, manager, and distributor in Algeria; 44 units with 30,000 employees.

- Analyzed samples from all over the state of Tizi-Ouzou and assured the quality of drinking water.
- Operated the water treatment plant of the TAKSEBT dam.
- Gathered samples from a water treatment plant and performed physicochemical and biological lab analysis.
- Completed internship reports for my school. It includes a presentation of the company, the processes used and my work and results with the company.

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Wastewater Treatment Plant Operator Intern

2015

ONA (National office of sanitation), Tizi-Ouzou, Algeria

Largest urban wastewater and sanitation manager; 145 wastewater treatment plants with over 12,000 employees.

- Operated a 20,000 Habitant urban wastewater treatment plant.
- Gathered and analyzed wastewater and sewage samples from a water treatment plant.
- Recommended preventive maintenance.
- Worked above requirements and insured a purification ratio of 97%.

Process Engineer Assistant Trainee

2014

ENIEM, Tizi-Ouzou, Algeria

Leader in the manufacturing and development of domestic appliances in Algeria; 4 units and 1200 employees.

- Analyzed and assured the quality of raw materials and final products.
- Operated a surface treatment chain.
- Operated an industrial wastewater treatment plant.
- Completed my internship reports for my school. It includes a presentation of the company, the processes used and my work and results with the company.

ADDITIONAL WORK EXPERIENCE

Account Manager

09/2017 – Present

Slight Edge Strategies, Philadelphia, PA

- Hire and train a group of sales representatives.
- Identify customers' needs, advertise and market solutions to meet those needs.
- Teach workshops on marketing strategies.
- Manage a team of sales representatives.

KEY SKILLS

- Experienced in lab analysis techniques.
- Water and wastewater treatment plant design.
- Use of Word, Excel, Origin, PowerPoint.
- C and C++ programming language.
- Fluent in English, French, Arabic, and Berber.