



# Ali Ashraf Said

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## Professional Summary

Innovative Mechanical Engineer with a strong foundation in analytical thinking and problem-solving. Fresh graduate from Pharos University in Alexandria, with a notable graduation project on atmospheric water generation, demonstrating skills in sustainable technology development. Experienced in industrial maintenance across various sectors. Proficient in AutoCAD and 3D Max, with certified skills from the Arab Academy for Science, Technology & Maritime Transport. Currently expanding expertise into full-stack software engineering through the ALX Africa program and enhancing English proficiency at The American University in Cairo. Eager to apply interdisciplinary knowledge in mechanical engineering and programming to drive innovation and solve complex challenges in the field of sustainable engineering and beyond.

## Education

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|--|-----------------------------|
| <b>Pharos University in Alexandria (PUA)</b> <i>Bachelor's Degree in Mechanical Engineering</i>  | <i>Sept 2017 – Mar 2023</i> |
| ◦ Website: <a href="https://www.pua.edu.eg/">https://www.pua.edu.eg/</a>        |                             |
| <b>ALX Africa</b> <i>Full-Stack Software Engineering Program</i>   | <i>May 2023 – Present</i>   |
| ◦ Website: <a href="https://www.alxafrica.com/">https://www.alxafrica.com/</a>  |                             |
| <b>The American University in Cairo</b> <i>English Language Program</i>  | <i>Present</i>              |
| ◦ Current Level: ENGG B1A 27   |                             |

## Projects

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|---|-------------|
| <b>Atmospheric Water Generator - Graduation Project</b>                                 | <i>2023</i> |
| ◦ Designed and developed an innovative system for extracting water from atmospheric air |             |
| ◦ Applied principles of thermodynamics, fluid mechanics, and sustainable engineering    |             |

## Certifications

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|--|-------------|
| <b>AutoCAD Certification</b> <i>Arab Academy for Science, Technology &amp; Maritime Transport</i>            | <i>2023</i> |
| ◦ Grade: A-  |             |
| <b>3D Max &amp; V-Ray Certification</b> <i>Arab Academy for Science, Technology &amp; Maritime Transport</i> | <i>2023</i> |
| ◦ Grade: B-  |             |

## Skills

**Technical Skills:** AutoCAD (Advanced), 3D Max & V-Ray, C Programming, Python, Proficient in organizing and managing projects, Knowledge of mechanical engineering principles and practices, Maintenance procedures and techniques, Sustainable technology development

**Soft Skills:** Strong analytical and problem-solving abilities, Excellent communication and teamwork skills, Attention to detail and commitment to quality, Adaptability and eagerness to learn, Commitment to continuous improvement in language and technical skills

## Training Experience

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|---|----------------------------|
| <b>Maintenance Trainee</b> <i>Al Jawhara Food Industries Company</i>            | <i>Aug 2021 – Sep 2021</i> |
| ◦ Gained hands-on experience in industrial maintenance procedures               |                            |
| ◦ Assisted in maintaining and repairing food processing equipment               |                            |
| ◦ Learned about safety protocols and quality control in food industry machinery |                            |

**Maintenance Trainee** *Al Jawhara Food Industries Company*

*Aug 2019 – Sep 2019*

- Continued developing skills in industrial maintenance
- Further experience with food processing equipment maintenance

**Maintenance Trainee** *Abu Qir Petroleum Company*

*Jul 2019*

- Participated in maintenance activities for petroleum processing equipment
- Observed and assisted in troubleshooting complex mechanical systems
- Enhanced understanding of safety measures in high-risk industrial environments

**Maintenance Trainee** *Egyptian Petrochemicals Company*

*Aug 2018 – Sep 2018*

- Introduced to industrial-scale petrochemical equipment and processes
- Assisted in routine maintenance tasks under supervision
- Developed basic skills in reading and interpreting technical diagrams and manuals

## Additional Experience

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**Member** *AIESEC, Alexandria, Egypt*

*May 2017 – Jun 2018*

- Interviewed prospective candidates for membership and conducted assessments
- Organized and coordinated events, including workshops and seminars
- Collaborated with team members to develop strategies and set objectives
- Demonstrated strong organizational skills in managing logistics and budgeting

## Languages

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**Arabic:** Native

**English:** Proficient (Currently enhancing skills at The American University in Cairo)

## Interests

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- **Sustainable Engineering:** Passionate about developing technologies for resource conservation and environmental protection
- **Interdisciplinary Innovation:** Keen on integrating mechanical engineering principles with software solutions for advanced problem-solving
- **Language and Cultural Proficiency:** Dedicated to improving English skills for effective global communication
- **Sports:** Dedicated weightlifter and football enthusiast, applying discipline and teamwork skills developed through sports to professional endeavors