

DAMIR KENZHEBAYEV

EDUCATION

MASTER OF ENGINEERING – ENERGY ENGINEERING

Major in Renewable Energy Sources

Università degli Studi di Roma "La Sapienza", Rome, Italy

BACHELOR OF ENGINEERING – ENGINEERING TECHNOLOGY

Major in Renewable Energy Resources

Eurasian National University, Astana, Kazakhstan

WORK EXPERIENCE

Concierge/Administrative Assistant

9 months

Embassy of the Republic of Kazakhstan, Rome, Italy

- Performed administrative support, providing telecommunications management, including surveys and phone calls on behalf of the embassy. Directed calls to relevant departments and personnel and provided information and assistance to callers.
- Conducted security surveillance ensuring safety and security of the embassy premises, personnel and visitors.
- Responsible for access management for visitors and contractors, verifying proper authorization to the premises of the embassy.
- Managed proper delivery coordination for reception and distribution of packages and official documents.

TIDAL TURBINE RESEARCH INTERN

10 months

Sabella SA, Quimper, France

- Conducted evaluative analysis of experimental data.
- Performed various numerical simulations via OpenFAST.
- Developed scripts and MATLAB routines for various environmental conditions.
- Conducted comparative analysis of numerical simulations and experimental results.
- Developed turbine's cavitation-free strategies based on limiting conditions.

RESEARCH ASSISTANT INTERN

9 months

Institute of Marine Engineering, Consiglio Nazionale delle Ricerche (CNR-INM), Rome, Italy

- Researched cavitation impact on tidal turbine's performance characteristics.
- Conducted experiments on a model-scale turbine.
- Collected big clusters of data from experimental results.
- Performed visual and audio assessment of cavitation occurrence on the turbine.
- Evaluated experimental data and supported project development of a cavitation-free operational regimes via MATLAB.
- Extrapolated data to the prospective full-scale prototype and developed efficient operational strategies based on installation site environmental characteristics.
- Created 3-dimensional representation of cavitation domain.
- Wrote technical reports based on experimental results.

VOLUNTEER

4 months

Astana EXPO 2017, Astana, Kazakhstan

- Supported the team in ensuring smooth access of visitors to the premises of the International Exhibition
- Provided necessary information regarding Renewable Energy
- Supported team leader in coordination of volunteers' shifts scheduling

SKILLS

- Analytical problem solving
- Strong communication and writing skills
- Research and data collection
- Efficient time management
- Enthusiastic quick learner
- Digitally savvy

SOFTWARE

- Good command of PC and operational system
- MS Office, Adobe Software
- MATLAB, OpenFAST, Gaussian, Origin, Dewesoft
- AutoCAD, Fusion 360, PTC CREO

LANGUAGES

- Kazakh: Mother Tongue
- Russian: Bilingual
- English: Advanced (C level)
- Italian: Intermediate (B level)