Vlasie Dragos

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Personal statement

I just graduated from Faculty of Naval Arhitecture and also finished the course for Alewijnse Training Center Romania, which lasted a year. Even though I studied Naval Arhitecure for 4 years and I learnd about marine engeenering and how to think like an engineer, from the projects that I worked on the practice stage at Vard Shipyard Tulcea and SC plasma, I started to have more interest in electric field due to A.T.C.R. .In this course I started to understand, to work and to do projects in the electric field. At ATCR we studied Basics Theoretic, Electrical Circuit and Equipments, Electrical Machines and Design held by our tutor Mr. Gabriel Radu were our final project was to Design an electric installation for an industrial hall*.* Practical and Theoretical Automation and Electric Drive with Mr. Emilian Manea, were we had different exercises in Step 7 we had to use function blocks to write a PLC program. Practical and Theoretical Electrical Installation with Ms. Mara Olti were I worked on several projects and build electric panel using diagrams, making a lightning installation for an apartment, and also a Ship project where we had to make E - plan diagrams use them to make the main Switchboard, and all the important instalation on a ship (Lighting and ventilation: Propulsion, ballast, pumps, ,winch, anchor, fire installation and alarms.

I am looking to secure a job in electric field or similar to utilise my current skills and knowledge and also help me to further develop these skills in a practical and fast-paced environment.

My eventual career goal is to assume responsibility to work in a company as an electrical ingeener and actively contribute to the overall success of any company I work for.

Education

Alewijnse Training Center Romania

(November 2015 –November 2016)

Certificate on Automation and Electrical Engineering

Technical competences:

* Low voltage electrical equipments from Schneider Electric (Interpact INS/INV, Compact NS, PowerCircuit Breaker,Control and signalling components, SmartRelay- Zelio Logic), construction,function,parameters, caracteristics, choosing
* Motor starter solutions
* Design of electrical instalations
* Basic electrotehnics( passive components and electrical circuits)
* Working instructions on naval ships
* AutoCad (2d, 3d)
* Eplan
* Ship Knowledge
* Protections selectivity using Curve Direct software from Schneider Electric
* Shortcircuit calculation using Germainscher Loyd software
* Power electrical transformers
* Electrical Motors( asynchronous motors and Dahlander motors)
* Electrical measuring in electrical circuits.

Automation competences:

* FreqvencyConverters
* PLC modules(Simatec S300)
* Communications Profi-bus, Profi-Net
* Soft Starters
* Sensors

Faculty of Naval Arhitecture –  Dunarea de Jos University of Galati, Romania

(September 2012 -July 2016)

Key Skills gained:

* Marine engineering, which is the engineering speciality of design, construction, installation and operation of machinery and propulsion systems for ships and marine structures. Ability to handle, analyse and interpret complex data, before presenting it back based on the overall analysis made.
* Capable of dealing with engineering challenges on a wide range of marine vehicles, with additional skills and understanding in the impact and importance of marine engineering on their successful design, construction, repair, and maintenance.
* Study a range of specialised marine engineering subjects, such as control theory and practice, electrical systems, design of marine engines (diesel, diesel-electric and gas turbine), propeller and shafting systems, system design and simulation, green technology and fuel cell technology.
* Analysing the water flow around ship hulls, the stresses and strains in the hull structure, and the behaviour of ships in waves.
* Proficiency in all areas of Microsoft Office, including Access, Excel, Word and Powerpoint.

**Notable Modules –** Engineering mechanics, Principles of Marine Design and Production, On board system and deck installation, Ship design, Computer programming and programming languages, Electrical engineering, Machine elements and mechanisms, Electrical and electric equipments, Naval propulsion engines, Preliminary design of a vessel

Gheorghe Roşca Codreanu National College, Bârlad, Vaslui, Romania

(September 2008 – July 2012)

**Notable Modules –** Mathematics – Computer Science

Practical Stage / Work Experience

Promoter, The Lexington, London, UK

(July – September 2016)

* Demonstrated persuading, influencing and negotiating skills as my duty was to make people buy tickets to parties that were held at the club.

Practical training internship at SC PLASMA LLC GALATI

(July – August 2015)

* Development / adaptation of technical projects execution
* Documentation on the project that I was assigned, analyse possible design variables
* Analyse and understanding of the distributed documentation
* Use of design software(Autocad, Rhino) and other existing facilities
* Develop specifications for materials, equipment
* Analysis of documentation , prepared by other designers outside the company
* Informing the technical coordinator about the state of the project
* Electronic archiving of the prepared documentation

Practical training internship at Vard Electro Tulcea S.A.,Tulcea (Romania)

(June – July 2014)

* The internship has contributed to increase and expand the theoretical and practical concepts obtained in University with information and activities used in ship building, installation design, all conducted in a professional environment at the highest level.

Soft Skills

* **Focused on goals** - I am able to perform well in high-pressure environments as I am very competitive with a strong motivation to succeed. An example of this is the way I was able to balance A.T.C.R and study for university. Attending A.T.C.R and learning a new field while also meeting all assignment deadlines, required motivation, prioritisation and organisation skills.
* **Team building** – Working close with my faculty and A.T.C.R colleagues to achieve our projects deadlines.
* **Time management** - Working under a time limit on projects and managing to plan my tasks and complete the work load.
* **Project management** - I had the responsibility of planning, procurement and execution of a project, in my practical training internship at SC PLASMA LLC GALATI\_.
* **Effective communication** - I can comprehend and explain a technical document in Naval Architecture or Automation and Electrical Engineering, also I did an presentation about Wireless Electricity and participate in an International Science Symposium
* **Dynamic** - Can work well with others, I have been in projects with many different students in my A.T.C.R training, my practical training at SC. Plasma LLC Galati and at Vard shipyard, Tulcea.
* **Flexible** – Starting A.T.C.R, a slightly different field of study from Naval Architecture, but manage to learn and understand the basic and the more advanced terms of Automation and Electrical Engineering
* **Enthusiastic** – I am a sociable person, open to learn new things and to work with new people.
* **Leadership** – During my A.T.C.R training , I was the leader of my Group for 2 month, in this period I was in charge, and had to ensure that all my colleagues are present and training, also making sure that they finish their projects on time and prepare the presentations for visits from companies within the electric field (Eekels, Alewijnse)

Other skills

Languages

* Native Romanian.
* English Speaking, listening, reading and writing -C2: Proficient user.
* Basic Spanish
* Basic French

Digital competence

* Microsoft Office, Microsoft Windows, E-plan software, AutoCAD, Zelio Soft, Simatic Step 7,

Autodesk (AutoCad, Catia), TRIBON, Rhinoceros free form surface modeling, Femap

* Basic - C++ Programming Language ,Basic Python.

Clean driving license B1

References

References are available on request.