

Address: U0101, Nordahl Bruns gate , Oslo, Norway, 0165  
Telephone: +4748344785  
Email: alex.a.sigal@gmail.com  
Sex: male  
Date of Birth: 4th April 1991



## KEY QUALIFICATIONS

- Effective **personal communication skills** with emphasis on the clear and concise work with the documentation and instructions. Experience in **engineering design, volunteering organizations and international affairs.**
- Ability to organize, prioritize and work both - independently and in a team, analytical and solution orientated.
- Dynamic and goal-oriented engineer with a **genuine passion for excellence and a well-rounded background in supporting a progressive organization for optimizing performance and growth.**
- **Working experience** in Germany, Norway and Austria provided me with the opportunity to work in a high-pressure, team environment, to be able to work closely with my colleagues to meet deadlines and to develop my interpersonal skills and technical knowledge.

## ACADEMIC QUALIFICATIONS AND PROFESSIONAL CERTIFICATION

<b><u>MSc Energy Environmental Technologies</u></b>	<b>2013 – 2018</b>
Telemark University College, Porsgrunn, Norway Major subjects: Process Technologies, Gas & Oil, Water Treatment	
<b><u>MSc Energy Machine Engineering</u></b>	<b>2012 – 2014</b>
National Technical University of Ukraine, Kiev, Ukraine Major subjects: Simulation of Fluid Dynamics and Energy Machine Building	
<b><u>BSc Energy Machine Engineering</u></b>	<b>2008 – 2012</b>
National Technical University of Ukraine, Kiev, Ukraine Major subjects: Power Plant Designing and Energy Machine Building	

## WORK EXPERIENCE

- Oct. 2015 – d.d. Union Development Officer (VP), ISU Norway, Oslo, Norway**
- Working with maintaining regular communication with the ISU Local Branches; being the link between the ISU local branches; status report of the local branches at NB meetings. Establishing and coordinating the RCG project.
  - Supporting the work of the National President in contact with the local branches by following up the local branches to give them support and assistance, if necessary, with the election of new boards in order to ensure the continuity.
- 2014 – 2015 Vice Chairman, Student Committee of Industri Energi, Landsorganisasjon (LO), Oslo, Norway**
- Representing international students towards various Norwegian authorities, partners and organizations.
  - Representing international students at different national and regional conferences.
- 2013 – 2015 Social Director, International Student Union of the Telemark University College. Porsgrunn, Norway**
- Maintaining communication with public offices, support and assistance of the local president in terms of union development. Representing ISU at various partner meetings. Cooperation between ISU and IE/LO student club.
- Aug. 2013 – June 2015 Assisting position, Student Society in Grenland (Studentsamfunnet I Grenland), Porsgrunn, Norway**
- Maintaining various tasks for demands of the student society. Arranging social events and public activities.
- May – July 2013 Mechanical engineering intern, Knorr-Bremse, R&D Bogie Equipment Department, Moedling, Austria**
- Electromechanical packaging design. Development and testing of new electronic products.

- Nov. – Dec. 2012**                      **Mechanical engineering intern, TU-Dresden, Department Electrical Machines and Drives, Dresden, Germany**
- Working on a thermal FEM-model of a transverse flux reluctance machine using ANSYS Workbench.
- Aug. – Oct. 2012**    **Civil engineering trainee, WINTERM, Kiev, Ukraine**
- Design of gas and oil industry and electromechanical equipment; work with downhole completion equipment.
- Sept. 2011–Oct. 2012**    **Engineering trainee, Bureau Veritas Ukraine, Kiev**
- Working with the projects in the field of improving energy efficiency and environmental protection.
  - Modeling of Engineering Concept; verification services on industrial equipment, products and installation
- Mar. – May 2012**    **Mechanical engineering intern, Department Of Energy, Energy Efficiency and Energy Conservation, Kiev City Council, Ukraine**
- Develop cooperation between Ukraine and the EU on energy infrastructure and implement joint energy projects, including modernization of Ukraine's gas transit system.
- July – Sept. 2011**    **Mechanical engineering summer job, Ukrteploenergo, Kiev, Ukraine**
- Design of pumping stations, substations, boiler systems, water treatment.
- June – July 2011**                      **Mechanical engineering summer job, PJSC “Kievenergoremont”. (Manufactory and Modifying of Heat Power Plants), Kiev, Ukraine**
- Planning and prioritizing customer deals activities, managing personal time and productivity.
  - Coordinating and supervising all aspects of operational activities and staff.

## OTHER SKILLS AND COMPETENCIES

- **International Officer** in SOT (Studentorganisasjonen i Telemark), Høgskolen I Telemark    aug. 2014 – apr. 2015
- **Assistant leader** in the organizing committee of UKA (student week in Porsgrunn, HiT) –    jan. 2014 – june 2015
- **Deputy Chairman** in **Industry Energy** student club, LO, Norway    apr. 2015 – aug. 2015
- **Board member**, student contact: Union for graduate technical and scientific professionals - **TEKNA**,    2013 – 2015
- Social Director of the **International Student Union** of the Telemark University College –    2013 – 2015.
- **Class representative** of the **Energy Environmental Technology** and **Process Technology** master students.    Høgskolen I Telemark    2013 – 2015.
- Member of **IAESTE** (The International Association for the Exchange of Students for Technical Experience) Ukraine, Germany, Austria –    2012 – d.d.

**Languages:** Very strong skills in **English**, good in **Norwegian** and **German** both written and verbal. **Russian, Ukrainian** – native speaker.

**License:** Class B.

## CERTIFICATIONS:

- Telemark University College. Porsgrunn, Norway – **MATLAB** Course
- Telemark University College. Porsgrunn, Norway - **Business Communication Course**
- National Technical University of Ukraine, Kiev, Ukraine – **Certificate of Scientific Activity**
- British Council, Kiev, Ukraine – **IELTS**

## HOBBIES:

Swimming, Soccer, Chess, Diving, Reading and Travelling.

## PUBLICATIONS:

List of **publications** in **Energy Industrial Technologies** and **Environmental Technologies** to provided upon request.

**REFERENCES:** To be provided upon request.