

Summer trainees at Aker Arctic



From left: Tomás Sanches, Eetu Seppänen, Juhan Voutilainen, Aaro Vasama, Victor Granlund, Henry Vesalainen.

Aker Arctic takes on trainees every year to give university students a chance to familiarise themselves with working life and to learn new practical skills.

During the past June to September period, six trainees have supported our teams in various tasks: Victor Granlund, Tomás Sanches, Eetu Seppänen, Aaro Vasama, Henry Vesalainen and Juhan Voutilainen.

Victor Granlund graduated from Aalto University in Espoo, Finland, this summer, specialising in cold climate engineering. At Aker Arctic, his main focus has been on creating data insight tools for the best available open datasets on Arctic ice conditions. "I've learnt a great deal about data analysis methods and working with map data. I've also learnt about the specific needs of the industry and how data can reveal the way forward," Granlund says.

Tomás Sanches is pursuing a master's degree in mechanical engineering focusing on naval architecture at Aalto University. He has previously accomplished a bachelor's degree at the technical university in Lisbon, Portugal. During his internship at Aker Arctic, he has completed comparisons of propulsion alternatives, evaluated shipyard tenders, in addition to other calculations.

"I believe the most important thing I will learn from this period at Aker Arctic is an understanding of how complex a new vessel project is, and the number of different teams involved in accomplishing a good design," Sanches says.

Eetu Seppänen is studying shipbuilding at Aalto University. He has worked with the ice model testing team this summer, carrying out ice measurements and

preparing the ice field, as well as helping with maintenance work. "My general knowledge of shipbuilding has increased during this time," Seppänen says.

Aaro Vasama's field of study is energy and environmental technology at Aalto University. He has also worked with ice model tests and maintenance at the ice laboratory in Helsinki, Finland. "This is already my fourth summer at Aker Arctic. I have learnt to perform a variety of tasks in a challenging environment, as well as becoming familiar with how the shipbuilding industry works and how it differs from the energy industry," Vasama says.

Henry Vesalainen will soon receive his master's degree in engineering from LUT University in Lappeenranta, Finland, where he is studying energy conversion. He has been working in the Machinery and Structural Design department and has examined underwater noise, ventilation, and heating systems for icebreakers. "I have grasped a good understanding of the problems I have researched and also learnt how a design process typically advances, among other things," he says.

Juhan Voutilainen studies shipbuilding at Aalto University. His main tasks have been compiling information about bow geometry and slamming to develop a guideline for future use. "All tasks have been related to my studies and felt meaningful," Voutilainen says.

All trainees have enjoyed the excellent working environment at Aker Arctic and the support they have received from their more experienced colleagues. The group has formed its own bond having lunch together and discussing their different work tasks. The students also compliment the interesting projects they have had the chance to become part of. ■