



17.03.2021

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Name: Juho Kristian Murtoniemi  
Date of Birth: June 5th, 2001  
Dates of Employment: August 17th, 2020 – March 17th, 2021

## **CERTIFICATE**

Private Juho Kristian Murtoniemi has performed his military service at the Simulation Sector of Pori Brigade's Training Facility as a programmer and simulation instructor from August 17th, 2020 to March 17th, 2021.

The main assignment was to create content for Bohemia Interactive Simulations' tactical training simulator Virtual Battlespace 3 and to assist in training conscripts, cadets and military personnel with it. In addition the work required constant upkeep of Pori Brigade's simulator training rooms.

During his employment, Private Murtoniemi has created content ranging from simulations of military training missions to programming functionality of Finnish Defence Force arsenal, e.g. vehicles and equipment, for the simulator using Bohemia Interactive's SQF-syntax.

Private Murtoniemi has shown commendable diligence and expertise in his duties in the Finnish Defence Forces. I formally recommend him for programming assignments.

A detailed list of the work is given in Annex 1.

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Niinisalo 17.03.2021  
Chief of Simulator & Training System VBS in Niinisalo  
First lieutenant

  
Marko Saha





**ANNEX 1**

List of duties performed, 2020-2021

Private Juho Kristian Murtoniemi

- Virtual Battlespace 3 content created:
  - Configuration and scripting of a lighter with multiplayer compatibility in mind. (SQF)
  - Miscellaneous improvements and fixes to various pre-existing scripts
- Working with and solving problems with a Linux server (Bash, SSH, Git)
- Providing assistance with, diagnosing and solving different issues in the Finnish Defence Forces' inter-garrison network
- Acting as an instructor and technical support during simulation training
- Demonstrating the simulator to guests
- Everyday maintenance of the simulation classrooms
- Training of successors
  - Instructing the basics of VBS 3 Development tools, Git and helping with various problems.

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