Björn Johansson

Master of Science student in Game and Software Engineering

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Education

BLEKINGE INSTITUTE OF TECHNOLOGY | MSc in Game and Software Engineering
August 2016 – Current | Karlskrona, Sweden

- → This education gives an in-depth knowledge and understanding of gaming technology while providing a solid software engineering foundation.
- → Relevant courses include: C/c++, Software Testing, Multiprocessor programming, OpenGL, Algorithms and Data Structures to name a few.

LUND UNIVERSITY | Summer course in Japanese
June - August 2015| Gifu, Japan

- → A two month summer course in Japanese in japan in conjunction with my Japanese studies at Lunds university. This course was a collaboration between Gifu and Lund University.
- → Besides language studies the course also included cultural trips and a homestay weekend at a host family out in rural Japan.

LUND UNIVERSITY | Japanese Language Course
August 2014 – June 2015 | Lund, Sweden

- → One year of full time Japanese language studies.

Projects

LARGE GAME PROJECT | C++
August 2020 - January 2021

- → A group project, following Scrum, with nine other students in which we, during a semester, created a game with DirectX 12 and other libraries.
- → My main responsibility was the upgrade system, back-end for the shop and using Maya and Blender to make the player and enemy models we bought compatible with our animation system.

SMALL GAME PROJECT | C++
January 2020 - Mars 2020

- → A group project with five other students, in which we created a game with OpenGL in three months.
- → My main responsibility was the creation of the menus, UI and the scoring system.

Experience

POSTNORD   Warehouse worker - Part time
June 2014 - August 2014 | Malmö, Sweden

- → Loaded and unloaded packages from trucks during the summer.

LEADERPROJEKT FJORGYN ODLINGAR & TRÄDGÅRDSKÖK, LOKALT LEDD UTVECKLING   Volunteer - Full Time
During the three summers between 15 June - 15 August 2018- 2020 | Klockaregården, Norra Mellby, Sweden

- → Worked as a server, dishwasher and cook in a café as well as with vegetable gardening and ecological farming.
- → Also created a web page "Fjorgyn.se" in WordPress.

Skills

PROGRAMMING

Experienced:
C++ • C • LaTeX

Familiar:
CUDA • Python • Javascript • OpenGL • WebGL • Assembly • SQL • Java • Jenkins • Google Tests •

TOOLS/PLATFORMS

Git • Visual Studio • Visual Studio Code • Eclips • MySQL

Language

PROFICIENCY

ENGLISH | FLUENT
Cambridge English Exam CEFR level C1.

JAPANESE | ELEMENTARY

GERMAN | ELEMENTARY

References

AVAILABLE ON REQUEST