Axel Gustafsson

Game Programmer / Developer

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Location: Stockholm, Sweden

PROFILE

Looking for opportunities where I can grow and apply my skill set in a cooperative atmosphere, especially in areas of procedural generation, network and graphics programming.

Outside of work I thoroughly enjoy sailing, fitness, sci-fi literature and tabletop games.

PROJECTS

Project Rögue (working title) // Details Github

Maj 2019 - Present

- Procedurally generated dungeons, equipment, characters.
- Runtime Lua execution in Unity using MoonSharp.
- Character customization with artist-friendly implementation.
- A*, Dijkstra, Bresenham algorithms for pathfinding and targeting.

Stellar Winds // Details Github

Jan 2018 - Present

- Dynamically generated campaign, galaxies, planets.
- Performant large-scale AI controllers.
- Crusader Kings II-style dialogue events.

EXPERIENCE

Freelance Game Development // Independent Contractor

Oct 2019 - Present

Communicated and worked remotely with international indie developers to accomplish programming tasks in a timely manner.

Focused on developing solutions that could be easily modified and maintained by clients with little-to-no programming experience.

Picard Sweden AB // Store Clerk - Full-time Employee

June 2016 – July 2018

Managed general store operations and responsibilities such as product purchases, scheduling and employee recruitment.

EDUCATION

BSc Media Technology, Stockholm University (University)
Stockholm, Sweden

Aug 2018 - Present

The program focuses on academic development skills such as Java, JavaFX, the C-family, UML and algorithms/collections, with a practical branch into game development skills such as 3D-modelling, 3D-rigging, texturing, mobile application development (Unity), Unreal Engine 4 project development.

Skills:

Programming
Scripting
Modelling
Shaders

Game Engines:

Unity
Unreal Engine 4
Godot

Code:

C#
C++
Java
Lua
Python

Software:

Android Studio
Maya
Substance Painter
Materialize
Adobe Suite

Version Control:

Git
Subversion

Languages:

Swedish - Native
English - Fluent
French - Intermediate

Other skills:

Drivers License
Coastal Yachtmaster Diploma