

# Joel Paulin Hugo

– Generalist game programmer with special knowledge in music and SFX



## Contact

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## Skills

### Game Engines

**Unity** – 2 finished game projects

**Unreal Engine** – Used as level editor

**Custom engines** – 4 finished game projects

### Code languages

**C++** - 2 years of game development education

**C#** - Used in Unity

**Python** – Basic file and data management

### Teamwork

**Youtrack**

**Perforce** – Version control, organized structured pushing of changes

**Sprintplanning** – Setting goals and tasks

**Organizing meetings**

**Prioritizing game features with several disciplines**

## About me!

Hi! I am a game programmer and musician from Malmö. I spend most of my time either programming or making music, and I've both led my own 10 people strong band and been a programmer in school projects with 21 people. As a programmer I enjoy implementing other discipline's work and I've specialized in the implementation of SFX and music, both my own and others.

## Education

**The Game Assembly, Game Programmer (August 2024-ongoing)**

- 7 group game projects with 13-21 people, 1 individual project
- Courses in data structures, design patterns, AI, network, tools, scripting, graphics programming in DX11, linear algebra, etc.
- Developing custom engine in a team

**Introduction to Programming in Python**

(June 2023 - August 2023)

- Managing, sorting and making graphs of files and data

**Bachelor of music from Malmö Academy of Music, Musician, jazz-trumpet (August 2021-June 2024)**

- Running a company as freelance musician
- Basic music production and recording
- Composing and performing music with my own band

**Lunnevad and Fridhem Folk school, Music, jazz-trumpet (August 2018 - June 2021)**

**Polhemsgymnasiet (Upper Secondary School), Technology Programme - Design and product development (2015 - 2018)**

- Design, design process and Digital modelling
- As a team, developing and presenting products for a jury

## Work Experience

**Care assistant, Support and Service to Certain Disabled Persons, Malmö city, Holiday Substitute, (7 weeks July - August 2022)**

- Assisting nurses with medical care
- Socializing with care takers

## Other

FMOD – Audio implementation for several projects

Visual studio

## Languages

Swedish - Native

English – Fluent

Care assistant, Elder care, Björkelid nursing home, Holiday Substitute, (8 weeks June - August 2019)

- Handing out medicine
- Noting care in digital systems

## **Other Merits**

**Project coordinator in school game project**

- Kept an overview of the project to make sure the group prioritized correctly and didn't forget essential tasks
- Made agendas for meetings and made sure meetings kept going forward

**Competed in "SM i Ung Företagsamhet" - Swedish championship in young entrepreneurship (spring 2018)**

- My group won second price in the category "This year's social entrepreneur" for a childproof lid for rheumatics