

CV Philip von Schwerin

email: philip@schwerin.se | phone: +46 738 00 47 63 | portfolio: bOrealian.github.io

Skills

Computer

Very familiar with Unity in general, the animator, how to set up the "new" input system and how to program in C#.

Similarly familiar with Unreal Engine 5, comfortable with coding in C++ and controlling Niagara, Soundcues and dynamic materials with code. I took a deeper dive into Niagara, including designing fairly advanced materials to create the effects I wanted.

Knowledge in OpenGL, programming on a lower level and 3D maths. Has spent a couple of months writing a 3D editor with OpenGL as an intern for Nornware.

Github has been a constant in development although getting used to it has at times been painful (at least in conjunction with Unreal).

Also familiar with various other tools in a Windows environment, such as Audacity, Gimp, Blender (to some extent), as well as Windows itself, etc.

All programming projects are described in detail in my portfolio.

Quality

Sorting, analyzing, measuring using just about every conceivable tool or method, primarily within the automobile industry. From nuts and bolts to electronics to finished cars, I have extensive experience in applying the specification and quality grading. During my time, I have evaluated the quality section of an entire firm, educated a workforce and led a special quality project. Being a third party consultant, I am used to working independently and to be flexible and adapt to requirements, whether this has to do with methods, criteria or working hours.

Languages

While Swedish is my mother tongue, my knowledge of English is just as good, having studied at an English university for three years while some other students believed me to be from Sussex. I also know enough French and German to get by although there will be grammatical errors.

Personal

Analytical, methodical, work hard and learn fast. I feel the past year can attest to this: I began my programming studies with a quarter of a century old introductory course in Java as prior knowledge and managed to learn enough both C# and C++ in a year to create games in 2D and 3D as well as write tooling in standard C++, while simultaneously working 30 hours per week and also taking care of my family of two unruly (but lovable) boys of 7 and 8 years old.

Other

I have a driver's licence and a fork lift permit. I am accustomed to boats and can navigate and sail in rough seas. I can also command or drive a combat vehicle and operate its autocannon. I keep bees, relieve them of their produce and brew mead from some of it. I can be diplomatic, blunt, cooperative, led or leading. But I can't dance.

Extracurricular and volunteer work

Chairman of the local road association 2018-2022.

During my four years, we took the association out of its 125k SEK deficit without raising member fees while also planning and executing the largest project in its lifetime: laying a new surface layer on the entirety of the road network. We also had to sort out several of the longest standing quarrels between members of the association in regards to the road. It was an interesting insight into the ambitions of the people living in my vicinity and I am glad someone else offered to take over in 2022.

Board member of Göteborgs Suzuki Förening 2019-2023.

This society has over 200 members, around 10 employed teachers and turns around roughly 2 million SEK every year. It was fun, rewarding and frustrating to help run it with half of the board made up of professional musicians. I decided to step down in 2023 in order to focus on my studies.

Interests of interest

Games

First love, way, way back was combat flight sims, such as F29 Retaliator, Knights of the Sky and Wing Commander. Now, I prefer games that are rich in story and allow exploration, typically action RPGs like Mass Effect or Zelda. I also love coop games (Left4Dead!) and enjoy a lot of puzzlers. Then there is the realm of boardgames, to which I am a frequent traveller. Just about anything goes but my heart still beats a little faster when a dungeon crawler comes out. So, yeah, roleplaying is also something I really like. And I play Magic. Stayed clear of 40k though...

Other

Books, films, hunting, scuba diving, calligraphy and more. Let's just say I have an inquisitive nature.

References

Programming

Head teacher for Game Creator Programmer at Yrgo, Gothenburg: Robert Esbjörnsson, robert.esbjornsson@educ.goteborg.se, +46 72-856 72 80.

Wizard and mentor at Nornware, Gothenburg: Johannes 'Johno' Norneby, contact@nornware.com, +46 73-368 69 50.

Senior 3D-Generalist at Afry and teacher at Yrgo, Gothenburg: Matte Malmlöf, Mattias.Malmlof@afry.com, +46 73-696 99 96.

Quality

Senior Manager at EUP Industriservice: Thomas Gren, thomas.gren@eup-industriservice.se, +46 76-119 53 00.

What about the rest?

I can provide copies of grades from schools I have attended on request. The rest is history.