ARTHUR SCHEIDEL

Computer Science degree graduate

09 rue de la gravière
67100 Strasbourg, FRANCE
arthur.scheidel@gmail.com
(+33) 617 09 17 55

EDUCATION

2015 to 2017

Master's Degree with honours in Software and Knowledge Engineering University of Strasbourg

2011 to 2015

Computer Science Degree
University of Strasbourg
Strasbourg, France

2011

High School Diploma
Robert Schuman High School
Haguenau, France

COMPUTING SKILLS

Languages:

C, C ++ / C#

Java

R

JavaScript / jQuery / PHP

HTML5/CSS3 & MySQL/Oracle

Python/ Mips & Lex/Yacc

OpenMP & MPI (parallel libs)

Shell Script / Ocaml / Spark

Others

Unity 3D

Git / GitHub / Asana

Photoshop / Video Audio editing

PERSONAL SKILLS

Full Clean Driving Licence,
Language: English B2, German B1
Like sport & travel, video games,
cinema, music & concerts.

WORK AND OTHER EXPERIENCES

Dec 2015 to Sep 2016

RODY A IBIZA

Full video game development & publishing

Non-official sequel to a retro-game with the Atari ST limitations (16 color, 240p) developed with Unity3D by **my own**. I have managed a team and worked in all part of the development. A famous French youtuber *Benzaie* made a video playing it.

Jun 2017 to Sep 2017

RODY MAKER

Consequent update of *Rody A Ibiza* that features a level editor which respects the series original design. It required to improve the game engine and make a lot of optimizations.

Aug 2015, Jan 2016 & Aug 2016

GAME JAMS

I took part **in three game jams** to make video games with small teams, two during 24 and the other 48 hours. I learned a lot using **Unity3D and C#**. Find my games @ https://lacrearthur.itch.io

Aug 2015 - 2017

BIOPTIMIZE

Data Scientist & Genetic algorithm's programmer

Apprenticeship in a Data Analysis Start-up, Development and optimization of the existing algorithms with genetic programming.

CLASS PROJECTS

Master Year 2

GenBank Big Data Miner

A **Java** software which analyses the GenBank's database and generate a fully organized hierarchy of excels files containing statistics of all genomes.

Master Year 1

Tiny C Compiler

A C-like compiler, written in **Lex, Yacc and C** in accordance with the Compilation and grammatical rules.

Clark Kimberling's Encyclopedia of Triangle's new website

Website development using **Synfony2**, for the C.K. encyclopedia. Dynamically generate content through a big database and administrate user accounts and privileges.

Degree Year 3

Shortest Path with Genetic Algorithms

A **C++** shortest path finder using the genetic algorithm paradigm.

Stereovision generator

A **C++** Software that generates a 3D object by two shifted pictures.