

erik.eo.olsson@gmail.com

SUMMARY

Background in software, business areas being music and travel industry. C lover.

EXPERIENCE

Spotify, Manager Publishing Data Analysis; Stockholm

2016 – Present

- ◇ Did stuff related to data on musical works.

Python, various Hadoop technologies

Spotify, Experienced Developer, Analytics; Stockholm

2013 – 2016

- ◇ Worked on everything related to royalty calculations, eg licensing deal implementations, underlying data pipelines, creating and deliver huge data reports. *Python, various Hadoop technologies from low level map/reduce to BigQuery*
 - Took project from requirements gathering stage (2 people) to full implementation stage (~20 people)
- ◇ Highly optimized deep learning inferences

Linkon, System Developer; Stockholm

2012 – 2013

- ◇ Backend coding on the PETRA system, running on z/OS and Windows.
- ◇ Also some frontend coding on an internal client.

C

Java

CEE Services AB, Developer / Business Analyst; Stockholm

2007 – 2011

- ◇ Designed and wrote all code for the unprecedented volumes of music streaming data:
 - Created algo for making predictions for which writers belong to which artists *C*
 - Wrote UI in IBM's not exactly greatly documented Dynamic Screen Manager APIs *C*
 - Implemented $\frac{1}{2}$ of the translator, and wrote associated microcode *Verilog / Templating language*
 - Created test generator that found 90% of the first 1000 bugs on the project *F#*
- ◇ Other roles included subject matter expert on audio visual rights reporting, bla bla etc.

STIM, Business Analyst; Stockholm

2001 – 2007

- ◇ Originally hired as a classical music specialist, gravitated towards analysis and finally coding.

RPG IV, C

EDUCATION

BS Math & CMPE (Wisconsin, '00-'03), MS EE (Purdue, '03-'05)

NON-WORK PROJECTS

- ◇ See <https://github.com/eriols/>
 - A file viewing utility for OS/400, similar to products like wrkdbf or Filescope μ ops *C*
 - Found bugs in two IBM ISO C compilers, the ILE C for OS/400 and the C for z/OS μ ops *C*

MISCELLANEOUS

- ◇ Languages: Swedish mother tongue. Good English. Some German. Willing (and eager) to learn any language