Erik Olsson
erik.eo.olsson@gmail.com

SUMMARY

Background in software, business areas being music and travel industry. Particularly fond of C.

EXPERIENCE

Spotify, Manager Publishing Data Analysis; Stockholm   **2016 − Present**

⋄ Managing a small team dedicated to the collection and analysis of musical works data   *Python*

Spotify, Experienced Developer, Analytics; Stockholm   **2013 − 2016**

⋄ Part of a 3 man team handling everything related to royalty calculations, eg coded licensing deal implementations, underlying Hadoop pipelines, creation and delivery of huge data reports   *Python*

     ○ Optimised the biggest data jobs to a running time of $1/3$

     ○ Wrote all code for handling claims on musical works globally

Linkon, Developer; Stockholm   **2012 − 2013**

⋄ Backend coding on the PETRA train travel sales system, running on z/OS and Windows   *C*

     ○ Worked on overall developer environment improvements; move to C99, file system change etc

⋄ Some frontend coding on an internal client   *Java*

CEE Services AB, Developer/Business Analyst; Stockholm   **2007 − 2011**

⋄ Designer and developer handling the parsing, loading and matching of the unprecedented volumes of music streaming data

     ○ Created algo for making predictions for which writers belong to which artists   *C*

     ○ A lot of exploratory work in the somewhat unorthodox combination of C on OS/400   *C*

⋄ Other roles included subject matter expert on audio visual rights data etc

STIM, Business Analyst; Stockholm   **2001 − 2007**

⋄ Originally hired as a classical music specialist, gravitated towards analysis and finally coding (via domain specific languages to more general ones)   *RPG IV, C*

EDUCATION

Master in Musicology (Göteborg and Stockholm, '97-'00)
Some Philosophy and Aesthetics (Stockholm and Uppsala, '99-'01)

NON-WORK PROJECTS

⋄ See https://github.com/eriols/

     ○ A file viewing utility for OS/400, similar to products like wrkdbf or Filescope   *C*

⋄ Found confirmed bugs in two IBM ISO C compilers; the ILE C for OS/400 and the XL C for z/OS   *C*

MISCELLANEOUS

⋄ Tech: Python, C, Java, Hadoop, SQL, git, subversion, Linux, z/OS, OS/400

⋄ Languages: Swedish mother tongue. Good English. Some German