

ERIK OLSSON  
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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  $\frac{1}{3}$   
◊ Wrote all code for handling claims on musical works
- 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 relate to which artists *C*  
◊ Exploratory work around using C and unix type tools on OS/400 *C*  
◊ Created a configurable data pipeline tool used eg for quality assurance of all payouts *RPG IV*  
◊ 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/eriol/>  
◊ 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, Linux, z/OS, OS/400  
◊ Languages: Swedish mother tongue. Good English. Some German