

Isaac Lewis

Sabattus, ME - Email me on Indeed: [indeed.com/r/Isaac-Lewis/d1720a8680ded8c1](https://www.indeed.com/r/Isaac-Lewis/d1720a8680ded8c1)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

More than five years of SQL experience at Lewis Analytics formulating queries, sanitizing inputs, writing stored procedures, constructing databases & tables, setting up user accounts, and enforcing security policies.

Advanced Experience

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Several years of PL/SQL (T-SQL) experience at Lewis Analytics working on a next-generation database; constructed multi-table views, wrote many stored procedures in PL/pgSQL and PL/Python, preserved referential integrity (primarily with 'CHECK' and triggers); implemented more general constraints (with triggers), composite data types, custom sorting methods, and an elegant documentation system; dynamically extended PostGRE SQL with scheme.

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* Implementing specialized BTrees, UBTrees, and multi-dimensional range queries in C++.

* Object serialization (to BINARY, XML, and JSON) in C++ using the wonderful Cereal library.

Open Source Project(s)

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GitHub: <https://github.com/IkeLewis/>

\* my-geo-ip -- a repository that provides country-level geo-IP services to applications via a MySQL database; the project utilizes both continuous integration and continuous deployment.

Other Open Source Contribution(s)

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I am an active member of both the EMACS and GUILE (Scheme) community.

About Me

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I'm an avid mid-distance runner. I enjoy spending time with my sister's dog, Ladybug, drinking coffee, and am quite handy around the house.