

ARIE KNOESTER

Software Engineer | arie.knoester42@gmail.com | Chicago, IL, USA | github.com/ArieKnoester

Objective

After 7 years of software development focused on internal business logistics, I am eager to explore other realms. Over the past year, I invested in learning Python in support of this objective. Areas of interest to me include Python web development and data science. However, I am also open to other opportunities in technology.

Skills

Python, Git, Linux, and relational databases (MySQL, PostgreSQL). Light exposure to Javascript and PHP.

Experience

AI Trainer - Part-time Contract - [Data Annotations Tech](#)

Feb 2025 - Present

- * Reinforcement learning of AI responses for code related prompts rating them based on given criteria.
- * Test AIs by prompting in specific ways to expose issues with correctness and instruction following.
- * Test code generated by AI for correctness and rate responses in terms of helpfulness as a coding assistant.

Software Engineer - [Technology Advisors](#)

2019 - July 2023

- * Coded custom features requested by clients using best practices defined by upstream vendors.
- * Debugged breakages in custom features caused by dependency upgrades.
- * Wrote MySQL scripts for custom reports requested by clients.
- * Maintained CRM developer certifications (SugarCRM, Creatio CRM).
- * Implemented data migrations and maintained data integrations via in-house built ETL application ([Starfish ETL](#)).
- * Provided consulting, estimates, application upgrades, stack upgrades, and support for clients' on-premise SugarCRM deployments.
- * Authored content for company blogs and internal wiki.

Support Engineer - [Technology Advisors](#)

July 2017 - 2019

- * Led triage and initial response to incoming support cases.
- * Drove support cases to completion with follow up questions, updates, and internal delegation.
- * Collaborated with vendors to work around or resolve upstream issues.
- * Performed CRM administration tasks for clients.
- * Executed on-premise upgrades of SugarCRM.

Open Source Software Engineer - [Volunteer](#)

- * Contributor to [conda-lock](#) - A tool that enables reproducible software environments in the Conda ecosystem

Education

B.S. Computer Science - [Northeastern Illinois University](#)

May 2013 - 2015

Computer Science Major - [University of Illinois Chicago](#)

Aug. 2010 - Dec. 2012

Certificates/Badges

eLearning - [IBM Skills Build](#)

Feb 2025

- * Applied Data Science with Python - Level 2
- * Python for Data Science, Data Analysis Using Python, Data Visualization Using Python
- * Artificial Intelligence Fundamentals