Batuhan Taskaya

Current Occupation: Software Engineer @ iterative.ai

Work Experience

iterative.ai (2021)

Worked on DVC (an open source version control system for data, written in Python). Primarily focused on interactions with different cloud storages (S3, Azure Blob Storage, Google Storage, GDrive, ...).

deepcode.ai (2020 Summer-Fall)

Worked with the static analysis team, and produced solutions for improving the platform's support for Python (and related tech) and engineered rules that would scan over giant datasets for finding security flaws / potential bugs on a datalog-variant language.

F/OSS bounty for Black (2020 Spring)

Worked on a dockerized, multi-version testing system for Black, named Gallery. Involved scraping / formatting / diff-ing multiple projects from PyPI as a CI tool inside an isolated environment.

Experience

Python Development

Multiple years of Python development, including many different open source projects. Active maintainer of a couple of popular libraries and tools for Python ecosystem. Contributor & core developer of the CPython project, specializing in the AST and the compiler. Sometimes contributing to PyPy (AST changes).

C / C extensions for Python

Experience with accelarators for Python modules in C, experienced in compilation of massive projects on different OS / architectures

Static Analysis / Parsers

Authored different linters and formatters (it, teyit). Contributed to others (fixit, black, ...). Still maintaining different projects, including parso (LL(1) python parser with error recovery, one of the most downloaded packages on PyPI).

List of projects that I've worked on (authored/maintaining/contributing): CPython, Reiz, parso, DVC, fsspec, it, s3fs, adlfs, PyPy, unimport, teyit, pyasdl, fixit, pylint, astor, freesyntax, BRM, pepgrave.

List of conferences I've given talks: FOSDEM'19, FOSDEM'20, EuroPython'19