

Job Description

Job Title: Software Engineer

Working for: Torchlight AI

Location: United States, Remote

Salary: Commensurate with experience

Length of Contract: Full time, permanent

Closing Date: Until position is filled

Job Details

Do you have dreams about improving efficiency? Does it make your brain itch when you see a solution with $O(n^2)$ complexity in production? Do nested loops fill you with a sense of horror? Do you consider software engineering to be an artful craft? Do you love being able to express complex logic in simple and maintainable ways?

If you answered yes to these questions, we're looking for you.

We're a company trying to transition our engineering team out of a "bootstrapped" mentality and into a more process-oriented posture. We have quite a bit of legacy software that we need to transition into a more maintainable and robust state. We primarily use Python3, but we're looking for candidates with experience in multiple languages, and Rust is a plus. We use Airflow for data ingest, BigQuery as a data lake, Kubernetes for orchestration and Gitlab for CI/CD, issues, and repository hosting.

We're a 100% remote engineering team, with individual members in different time zones.

What we provide:

- An open-minded environment where tooling and solutions are negotiable.
- The opportunity to solve interesting problems at scale.
- A small-team atmosphere

Responsibilities

If you're selected as a candidate, we hope you'd enjoy digging into spaghetti, gaining an understanding of what the current business logic does, documenting existing interfaces and behavior and not being shy about proposing refactor and/or replacement. There's a lot of complexity in our systems and we know there's a lot of low-hanging fruit for improving costs, reliability, and performance. We do large scale analytics with our primary events table being over 700TiB and almost 4 trillion rows.



Qualifications and Experience

- Deep understanding of API contracts
- Experience with BigQuery or other SQL-based data-lake.
- A strong bias towards TDD, but experience with DDD/BDD is also acceptable.
- 4+ years of software development experience with multiple languages
- Python (numpy, scipy, pandas)
- Airflow (optional)

About Torchlight: Torchlight is a behavioral intelligence platform designed to predict emerging risk. Our platform consists of software tools for threat attribution & analysis, refined/curated data streams of threat attribution information, and an information service focused on identifying and analysing emerging risks.

Torchlight was founded by decorated US special operations and intelligence veterans along with Fortune 100 data scientists, with the goal of creating the tools they wanted to have when they were in government and military service. We believe that the increasingly complex and turbulent situation throughout the world requires new ways of addressing risk.

Interview/Start Dates: We will begin holding interviews immediately. Start date is March 2023

Application Details

Please submit a CV and a short cover letter outlining your availability and area/s of expertise to careers@torchlight.ai with the reference '**Software Engineer**' as the subject. Due to the number of applications that we typically receive, we will only be able to respond to candidates whose applications we are taking forward to the next stage.

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