



Silverside Detectors helps governments reduce the threat of nuclear terrorism. We're a bootstrapped, product-led startup based in Cambridge, working with federal and commercial customers to translate the best science into practical, user-oriented technology solutions.

Company Team and Culture: Silverside is a diverse team of scientists, engineers, and business experts all united around keeping our world healthy and safe. We collaborate generously, learn voraciously, execute with tenacity, build on our mistakes boldly, and go home at the end of the day—we love our work, and we keep room for the rest of life.

Position: Software Developer

Location: 117 Beaver St., Waltham, MA 02452

Job Description: You will join Silverside's new software program and report to our Software Lead. You will be supporting and enhancing existing Python code and helping build new greenfield cloud applications using C# on Windows devices and Elixir and Python on Linux containers in AWS. Current programs include:

- Building a new platform that facilitates secure, documented, permissions-based sharing of data from smart city infrastructure into next-generation radiation detection networks.
- Maintaining and improving an integrated radiation detection system that integrates multiple sensors, algorithms, and cloud-based platforms into a turn-key system.

This is an exciting opportunity to join a talented and engaged team, work in modern technologies, and grow into a more senior, leadership role.

Technology Stack:

- Elixir/Phoenix for customer facing web applications
- AWS Cloud services – serverless stack (Lambda, API Gateway, etc) and QLDB
- C#/ASP.NET (Framework) where required for Windows integrations
- Python 3 for serverless functions and ML
- Investigating Elixir for embedded Linux (Nerves) and web services (currently Python 2/3)

Preferences:

- Bachelor's degree in computer science, engineering, mathematics, or physics
- 2+ years of professional software development experience
- Experience or interest in pragmatic functional programming languages, especially Elixir
- Experience with Internet of Things (IoT) projects or interacting with hardware
- Experience with building concurrent applications, actor model, messaging systems
- Experience maintaining, adapting, and expanding an existing codebase

Requirements:

- Bachelor's degree in a technical field, or equivalent education or industry experience
- Experience working on a multi-disciplinary team and being an effective team collaborator
- Experience with source control systems (e.g. Git), unit testing, and continuous integration
- Must be authorized to work in the U.S. on a full-time basis. H1-B sponsorship not available.

Salary and Benefits: Salary is commensurate with ability and level of experience. Full benefits include health and dental insurance, 401(k) match, and generous leave/holiday packages.

To apply: Send a resume to jobs@sside.co.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

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