

# Job Description - Intermediate/Senior Python Developer

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## Interface Fluidics

Interface Fluidics is a rapidly growing technology company providing energy industry clients insights into the interactions and properties of reservoir fluids to help them improve their financial performance, reduce their carbon footprint and ensure the responsible development of their oil and gas assets. Our measurements are made using proprietary high-pressure/high-temperature microfluidic devices. We have a passion for collaboration and care deeply about building a team that will disrupt our industry.

## Position Description

Reporting to the Automation Team Lead, the Intermediate/Senior Python Developer will work beside our Senior Scientist who is responsible for developing image processing algorithms. Interface Fluidics has developed next generation high-pressure laboratory instrumentation based on microfluidics, dubbed SapphireLab. This position will be central to the development of the software used to analyze images and sensor data onboard SapphireLab.

The successful candidate for this position will contribute to the team by bringing best practices for writing scalable and well-organized code. As the team grows, this person will mentor new employees and live our company values: safety, passion, reliability, proactivity, and teamwork.

## Location

- Edmonton, AB
- Remote work, with occasional office visits for deployment and Lab feedback

## Responsibilities

- Work with our Infrastructure development team to deliver performant image analysis software applications
- Work across multiple automation projects integrating a data collection & analysis pipeline
- Conduct deep dives into complex and novel technical issues
- Contribute expertise and implement best practices

## Qualifications

- Bachelor's degree in Computer Science or an Engineering discipline, or equivalent practical experience
- 5 years relevant software development experience

- 3+ years of development experience in Python
- Experience developing multi-threaded GUI applications

## Preferred Qualifications

- Experience developing desktop applications
- Experience developing in QT5
- Experience with Material Design
- Experience with GraphQL
- Background in deriving analytical solutions mathematically
- Experience with C#
- Experience with Git & JIRA

## Compensation

Extended health care benefits including mental health support

Parental and bereavement leave.

Stock options

Salary of \$90,000 - \$110,000 depending on experience.