

Cory Robinson

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Dear Python Developer Team at Integrated Informatics,

I am exploring new career opportunities in the Houston area, and you posing for a Python Software Engineer on LinkedIn certainly caught my eye! I have included my resume as the second page to this document for your review. I would just like to take a moment to elaborate on some of my experience and why I think I am a good fit for this job.

I've been working in the oil & gas industry for about a year and a half now as a Data Processing Geophysicist. While my job is to process subsurface seismic imaging data, using GIS tools and mapping is also a normal part of my job function. Now, when I say GIS tools, it is some basic Google Earth stuff where I look at the coordinate layout of our projects and check elevations, and sometimes I get to draw out paths and measure distances in the area that I am analyzing as well as overlay topographical maps. I also use Python sometimes to interpolate coordinates and elevations, and also some other kinds of file manipulations. I started learning Python when I was taking undergraduate math classes. My programming experience in Python, and other languages was greatly intensified when I started grad school at the University of Washington. I have become very familiar with numpy, scipy, and several other Python libraries. I've written tests, and used the pdb debugger, and I try to abide by PEP-8 when I write code. I've used git for version control and Github and Bitbucket for code repos. I know quite a bit about Python, but I haven't done any development as a full-time professional. The closest thing to a commercial application that I have worked on is a personal side project that I started working on this year – an algorithmic currency trading system. The project is written in Python, and so far it streams real-time currency data from a brokerage, and can make real-time fake trades on my practice account. I'm currently in the stage of writing a backtesting engine so that I can implement and test my trading strategies.

I'm not a Senior Software Engineer, but I know my way around Python. I am a quick learner, and I certainly have the interest and motivation to dive right into a role developing software for GIS applications with Python! I would definitely like to have a chance for us to talk and learn more about each other! I can be reached quickly by email to schedule a time for a phone conference or an in-person interview. Please see my contact information at the top of my resume. Thank you very much for your time and consideration, and I hope to hear from you soon!

Regards,
Cory Robinson