Dear Mr/Ms:

A friend of mine Eugenii Yarkov told me that you are looking for a Linux Kernel Developer.
In this letter I would like to describe my full linux kernel development experience, as in my resume there is only a brief description of it.

During 2007.05 – 2008.03 I was working as a C/C++/Python developer for PlayAll company. This company provided gaming services for popular online shooter games like Counter Strike, Call of duty, Quake 3. My responsibility was to develop Linux Kernel Module and user space daemon written in python that will manage Linux Kernel Module. These components was intend to protect server ports from unauthorized access. Python service downloaded policy from managing server, parsed it and translated it to commands that Linux Kernel Module understands.

The main task Linux Kernel Module was to manage tcp/udp ports according to the policy. There were requirements like: open tcp port for pair X.X.X.X:YY – Z.Z.Z.Z:PP and if there were no any packets for 10 seconds, close it. Module was implemented as NetFilter extension, that helped to manage server ports. User space service communicated with module over character device.

Development environment: emacs, gcc, gdb, User Mode kernel Linux project was used to debug module in user space. Unittests were written to cover all policy parsing logic.

During 2005.01 – 2007.08 I was working as C/C++ developer at Check Point Belrus.
There was a project related to filtering tcp traffic on a network bridge. I developed a Linux Kernel Module that forbade any access to internet for specific IP address till that IP address will be scanned for mailwares.
Kernel module filtered http packages and inserted HTTP redirect response to internal scanning server. As soon as a client was successfully scanned, IP address was put into white list and access to internet was granted. Linux kernel module was implemented as NetFilter extension, communication with module was done via character device.

Development environment: emacs, gcc, gdb, User Mode kernel Linux project was used to debug module in user space.

The rest information about my working experience you can find in my CV attached.
You can also find references for my job at my LinkedIn profile: https://www.linkedin.com/in/dmoroz

I look forward to hearing from you soon.

Sincerely,
Denis Moroz.