

Dear Reader,

I see every new web development project as a fun puzzle. I start from scratch, decide how I want to build or solve that puzzle, go through the checklist of the features to be implemented, potentially run into a problem, check the error log and fix the problem, then repeat until the website is finished. Having the ability to finish different websites is the most important experience that I have to bring to my team at your company. The different types of websites that I build are blog posts, ecommerce stores, and storage or visualization of records on data tracking/analytics. I also have simulated, sorted, and presented particle trajectory data in the LANL turquoise network(supercluster) before, where I had access to the wolf(wf-fe) and grizzly(gr-fe) nodes. I would develop, integrate and deploy applications/files in one of these nodes with Linux commands as one of my job responsibilities back when I worked at the Los Alamos National Lab(LANL).

I use the following programming languages to develop my websites:

- HTML/CSS
- Javascript(including Node.js and AJAX)
- PHP
- SQL(Using MYSQL as the database)
- C++ and/or Python(if necessary) using the shell_exec() command in PHP.

I also have the following knowledge useful for work involving information technology:

- IP Addressing and Subnetting to control network access, security, and address assignments for routers or devices with LAN/VLAN.
- Ports & protocols for sending and receiving data packets.
- Linux Scripting/Command Line
- WIFI Encryption(device to router) by WPA2/WPA3, node to server encryption by SSH, and client to server encryption by SSL/TLS.

If I am one of the candidates that you decide on, I would like to learn more about the projects that I will contribute on and anything else that would help me quickly adapt into the workplace. As a potential employee for any company, I value my relationships that I have with my colleagues. I hope we get to talk more together!

Best,

Dylan Ma

me@dylanma.com

505-695-3475