R | **Ryan Gens**
S o f t w a r e   D e v e l o p e r

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I am a strong believer that the best type of employees are the ones that are able to learn quickly and easily adapt to changes. I will also admit that I do not know everything; and, that my experience may not check every box; but, I can guarantee that these are not drawbacks. I pride myself on my ability to learn, which should be obvious by my college GPA, multiple degrees, and the fact that I graduated summa cum laude from Lakeland University's Computer Science program. This may not be enough to convince you, so, I have compiled the following list to affirm my claim:

LEARNED QUICKLY

- Learned and created code using Velocity (a preprocessor web language similar to JSP)
- Pushed data to a database using AJAX, having never used AJAX before
- Created programs, using only manufacturer's documentation, to control robots, PLCS, VFDs, etc., having known nothing about how the equipment functions, or the programming language prior to the machine's creation.
- Added features to Java EE based intranet site with a very large code base
- Made changes to / troubleshot a Labview based data collection service used in sampling data from manufacturing machines.
- Fixed nonfunctional SCADA system developed by vendor. The front-end was created using html, Javascript, AJAX, Bootstrap, and Labview (al languages I did not know at the time)

These are just a few examples I came up with off the top of my head, I would be more than happy to list more if you are interested.

Along with learning quickly, employees with the ability to troubleshoot and problem solving become a commodity, thankfully I have proven myself in these areas as well. To help prove my claim I have compiled another list (as you can tell, I am a fan of lists):

PROBLEM SOLVING

- Saved AO over $1 million a year with improvements to a single department's manufacturing equipment
- Created a program that uses trigonometry to create part placement coordinates to alleviate user adjustment of 200 + placement points
- Created a turn table using an Arduino and aftermarket servo motor to lower the cost of project development
- Created a Power Shell service that hooks the keyboard input of a laser marking machine.
- Designed a cam driven packaging machine with a cost under $20,000 (a typical machine costs over $90,000) to meet project budgets.

This is again a small sampling of my problem-solving experience, and I would love to speak with you further about my background.

I have experienced all of this and much more. I realize that at this point I have not spoken much about my education, day-to-day duties as a teacher, my adventures in software developer, the pure enjoyment I have as being the owner of a freelance consulting firm, my past role in robotics, my BI experience, or the projects that I have worked on in my free time at home (I'm current in the process of developing an Android App that communicates to a Raspberry Pi using sockets to send Video captured by a Python programming that uses the OpenCV library); but, I am more than willing to expand on any of these areas in a future conversation.

If you'd like to hear more about what I've been working on, or would like to setup an interview, feel free to give me a call at (920)602-1140, or send me an email at gensy83@gmail.com. I look forward to hearing from you.

Sincerely,

Ryan Gens