

10926 Rise Lane
Fort Mill, SC, 29707

June 21, 2023

To whom it concerns at Patterned Learning AI:

I ran across Patterned Learning AI's listings while job-searching on LinkedIn and have been looking for a position (1) at a promising start-up, and (2) which may utilize my unique skill-set and educational background. I feel Patterned Learning AI and the position of **Software Engineer (Entry Level)** is a perfect fit.

Looking through the job description I see these requirements: (1) education in computer science, (2) strong understanding of software development, (3) proficiency in one or more programming language, (4) familiarity with software tools and frameworks, (5) ability to work independently and as a team-member, (6) strong problem-solving and analytical skills, and (7) a strong ability to communicate and collaborate.

Here is how I fit with these requirements: (1) Post-Baccalaureate Computer Programming Certificate (22 credits); **Master of Science in Computer Science** (graduating in December of 2023), (2) started my programming hobby in 2018 and have not slowed down since—I've built everything from desktop and android applications to MASM x86 subroutines, (3) highest proficiency in **Java**, followed by **Python**, **C**, **MASM**, and least proficiency in **C++**, (4) strong familiarity with the **Eclipse**, **Spyder**, and **Visual Studio Code** IDEs; strong familiarity with **GIT** for version control; familiarity with **Jenkins** for continuous integration; familiarity with, and experience implementing, a broad range of software design patterns; significant experience with software development through evolutionary prototyping, (5) example of independent work: designed, engineered, and installed a software system at the dry-cleaning business where I worked previously—did so alone and without being prompted; example of team-work: won a 'TA Spotlight' at Georgia Tech—this award is voted on by students and I assume these votes to be informed by my passion for teaching and relating to others, (6) my problem-solving and analytical abilities are both very strong—although, when it comes to problem-solving, the less parameters or predefined boundaries a problem has the more I enjoy solving that problem, (7) I would qualify myself as an exceptionally talented communicator—in my estimation, this ability was largely built through my undergraduate work in the humanities and interdisciplinary studies; it is for a similar reason that I consider my degree in philosophy to be invaluable.

As a final note, I am a curious person and am adept and fascinated in the formulation of ideas. This makes me an ideal participant in a meeting or team-oriented setting. Of all my abilities, I pride myself most in being able to uncover relationships between seemingly disparate concepts.

I sincerely hope I meet and exceed your expectations in qualifying for this position. I can be reached via e-mail at robert.forwerck@gmail.com, and via phone at 704-412-3408 for any additional information. Thank you for your time and consideration.

Regards,

Robert Forwerck