

## Letter of recommendation

To whom it may concern,

I am writing to highly recommend Paul Alliata for any position that he may apply to. Paul was one of my students in physics class, and he immediately distinguished himself by undertaking a highly challenging project. He designed and built a board game using 64 LEDs controlled by an Arduino, where each LED represented either a restaurant table or a waiter. A random number of tables would light up, and each waiter was connected to only certain tables through predefined graph links. The objective was to serve all tables using the minimum number of waiters—an instance of the “Minimum Set Cover problem”, a well-known NP-hard optimisation problem. Players competed against a quantum-inspired algorithm designed to approximate the optimal solution, with the winner being the one who completed the task in fewer moves. Impressed by his creativity and rigour, I offered Paul a research internship.

Paul has recently completed this research internship at Inspiration-Q and has shown exceptional skill, rigour, enthusiasm and ambition throughout his time with us.

From the beginning, Paul demonstrated a keen interest in learning new things and consistently approached problems with research-level rigour, combining curiosity with solid machine learning knowledge to design creative, well-structured solutions. He is an intelligent individual who could easily handle complex concepts that were presented to him.

Paul's ambition sets him apart from his peers. He consistently sought out new responsibilities and challenges, proving his ability to adapt and learn quickly, qualities that will undoubtedly serve him well in any endeavor he undertakes.

In conclusion, I believe that Paul's enthusiasm, ambition, intellectual curiosity make him an exceptional candidate for any position. I am confident that he will bring the same level of dedication and enthusiasm to any organization that he joins.

Best Regards,

Samuel Fernández Lorenzo

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Co-founder and CEO of Inspiration-Q

A handwritten signature in black ink, appearing to read 'Samuel F. Lorenzo', with a stylized flourish at the end.