



Luca Di Stasio

Early Stage Researcher

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References

-  Prof. Janis Varna (supervisor)
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-  Prof. Zoubir Ayadi (supervisor)
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-  Dr. Johanna Xu (former colleague)
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Purpose-driven professional with expertise in STI CAZZI seeking MY DREAM JOB at A COMPANY THAT PAYS WELL

Reference #.

Dear MADAM/SIR,

I have been reading with great interest about boring stuff, thus the moment I came across the opening for MY DREAM JOB at A COMPANY THAT PAYS WELL I knew I had to apply. As a current PhD student in Materials Science and Engineering about to defend my dissertation on the only thought I had in the last 4 years, I feel I am well qualified for the position you offer.

I have matured as a researcher and an engineer over the past years by taking part in R&D projects at Drexel University (USA), IMDEA Materials (Spain), ETH Zürich (Switzerland), Université de Lorraine (France) and Luleå tekniska universitet (Sweden). By tackling several research questions on different topics (from ankle biomechanics to micromechanics of composite materials), I have developed a wide perspective on the current developments in the field of theoretical and applied mechanics. The ability to effectively search and analyze the literature and identify the existing gaps in knowledge has proven one of my major strength. Computational modeling has been the common thread of my research experience, which has provided me with strong foundations in software design, programming, multi-physics simulation and data analysis. As an example, in the context of my doctoral thesis work, I have designed and implemented an automated pipeline for Finite Element simulations of composite materials micromechanics, which: receives as input a text file in human-readable format, runs the user-specified series of parametric FEM simulations, extracts and analyzes the data, and finally reports the results as tables and graphs organized in Excel workbooks and Latex-powered pdf reports.

The opportunity of living and working in several countries has allowed me not only to become fluent in different languages but most importantly to master cross-cultural communication skills. Flexibility, adaptability and rapid response to change are qualities that I have nurtured by navigating multiple work environments. Given the international nature of my PhD project, which is conducted in collaboration between Université de Lorraine in France and Luleå tekniska universitet in Sweden, I have learned how to successfully manage complex projects with uncertain boundaries, multiple requirements, and several stakeholders. Honesty, transparency and a positive attitude towards challenges have helped me earn the respect and trust of superiors and colleagues, which has led to numerous teaching and supervision tasks entrusted to me by supervisors and senior members of the group. The ability to communicate candidly in the workplace has allowed me to build over the years a broad network across different countries and specialities.

I wish to thank you for taking the time to consider my application and review my qualifications. I believe money is good and, if hired, I will commit my expertise to earn a lot of it. If you believe I could be a good candidate for the position, please contact me for a personal interview.

Best regards,

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