

Federico Agustín Caccia
Ms. Sc. Nuclear Engineer
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Dear Sir or Madam:

With this letter I would like to express my interest in work with you. I graduated in Nuclear Engineering in 2014. I have been working in the Computational Mechanics Department in National Atomic Energy Commission for three years, until 2017. Also, I have graduated in the Master of Engineering program at Balseiro Institute in September 2017. The topic of my thesis is: "Multiscale coupling of fluid dynamics calculations". Since January 2018 I am working in a software company in Buenos Aires, involved in blockchain projects.

I consider myself to be hard working and organised in my work. I have worked in numerical modeling of fluid dynamics problems with finite elements and volume of fluids, using Par-GPFEP (a finite element program developed at Computational Mechanics Department) and OpenFOAM. I have experience in programming in several languages, such as c, c++, fortran, python and others. I have experience in parallel programming models, using MPI, OpenMP, CUDA and others. In my master's thesis, I developed a program that allows users to perform highly parallel calculations, (dividing tasks among multiple codes, each of which can run on multiple threads at the same time). I have experience as an assistant teacher in maths and numerical methods at Instituto Balseiro. This year, I have been working in projects involving trading models (mainly statistical arbitrage strategies), and token economics in blockchain ecosystems.

I would enjoy an opportunity to someone in your organization to see where my skill set would be of the greatest benefit to your project. I know I could be a great asset to your department.

It would be a great honor for me to have the chance.

Yours Faithfully,
Federico Agustín Caccia

PD: Contacts for further references:

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