

Dear Complexly,

In my waking hours, I am a mathematician of sorts. I hold a degree in *Financial Mathematics and Economics*, a PhD in *Computational Mathematics*, and I spent 18 months as a postdoctoral research fellow in the field of *Signal Processing*. I am also currently enrolled in an online postgraduate diploma in *Data Analytics*.

For nearly four years, I have been working online as a production editor for Mathematical Sciences Publishers (MSP) based in the University of California, Berkeley. There, I proofread real academics' research for grammatical accuracy and clarity of exposition, amongst other things.

In 2016, I spent a semester lecturing in an online "Postgraduate Diploma in Mathematics for Second-Level Teachers", which qualified second-level teachers from non-mathematical backgrounds to be able to teach mathematics to a pre-university level.

For the first three years of my doctoral studies, I served as the tutor for a number of undergraduate modules.

Intermittently, for years, I have given private extracurricular classes to individuals and small groups of students, at second- and third-level.

For my doctoral defence, I gave a live demonstration of how the software package I had developed as part of my thesis could be used to analyse various properties of an enormous block of Emmental, but the cheese content therein was nothing compared to this, because...

WHEN I DREAM, I AM A WRITER!

During my doctoral studies, I founded a monthly publication featuring fun science articles and quirky mathematics puzzles, which I wrote and collated from my peers. We distributed these around campus, ostensibly to educate and entertain students and staff who might not otherwise have come across the material, but mainly to distract ourselves from our theses.

In its second year, the publication was recognised with a "*Best Newsletter*" award from the university — an accolade whose value I felt was by no means diminished by the fact that we were the only contenders; indeed, the award had not hitherto existed.

I also, again for distraction in the guise of education, organised a series of open air general audience public lectures, where we dragged a whiteboard to the beach and taught passers-by about random mathematics and other topics.

I am currently working, albeit at a logarithmic rate, on a collection of mathematical puzzles which will form the adventures of the unfortunate protagonist in some manner of podcast or novel; I have not yet decided which. I have uploaded draft of the first chapter for your perusal here.

I am comfortable working remotely, and have the self-discipline to work without supervision, but am also perfectly happy to collaborate on projects via Skype, Slack, email, etc. with colleagues. As well as my work with the Berkeley publishers, I have worked many short-term Upwork contracts, editing, typesetting, reviewing etc.

This role sounds like tremendous fun, and I am fully confident that I would be an excellent fit for the position, and if there is anything further I can do to convince you, please let me know.

Best,

Fintan Hegarty