JONATHAN MARRIOTT

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14th March 2021

Attn: Mr Guy Franklin

Hiring Manager

Graphcore

11-19 Wine Street

Bristol

BS1 2PH

Dear Mr Franklin,

RE: Application for Internship in Software Frameworks Team at Graphcore

I am writing to apply for the intern position in the Software Frameworks Team advertised on your website. I am currently studying Mathematics and Computer Science (MEng) at the University of Bristol.

I am particularly interested in this position as I would to love to combine my mathematical knowledge in areas like linear algebra and statistics to an applied setting of machine learning and AI. During my studies I have really enjoyed learning about data analysis in Python using the Pytorch and Scikit-learn frameworks, I am keen to utilize the skills I have acquired from my university projects to real world problems and further my technical ability.

Furthermore, as a part of the mentoring scheme at University of Bristol I have met with Luke Hudlass-Galley a few times to learn about the cutting edge work your company does, in addition to the inclusive and team-based work environment at Graphcore. I believe the interpersonal skills I have gained in my time as social secretary on the University of Bristol Cycling Club committee, including discussions within the committee and welcoming new members, will enable me to fit well in the team-working environment that this intern position provides.

Additionally, I have worked on projects using both C and Java. Implementing linked lists and a basic sketching tool in C, as well as several object-oriented applications including a board game and multithreaded 3D model analyzer in Java, so the syntax and object-orientated paradigm of C++ will be very familiar to me. I have taught myself the electric guitar in my spare time, so I am no stranger to learning new skills in my own time and would pick up C++ quickly.

I believe the skills and experience evidenced in my CV make me an ideal candidate for this role and I am excited at the opportunities it would provide. Thank you for your consideration and I am available for interview at any time.

Yours Sincerely,

Jonathan Marriott