CS Summer Intern

The National Museum of Mathematics (MoMath) is a growing institution that provides insight into the evolving, creative, human, and aesthetic nature of mathematics to a diverse audience of all ages. Its interactive exhibits and stimulating programs encourage inquiry, spark curiosity, and reveal the wonders of math. You can learn more about MoMath at www.momath.org.

MoMath is seeking a highly competent intern for a summer 2019 position in NYC, to assist in full stack systems development and enhancement for this modern, highly automated museum. The Museum uses a wide range of technologies to build innovative interactive and exploratory exhibits. A primary responsibility will be to choose at least one exhibit, website enhancement, or feature request and implement that project successfully over the course of the summer. Other responsibilities will include investigating and resolving reported software issues both in the Museum's many high-tech exhibits and, occasionally, in its administrative offices. The list of specific projects will be available shortly before the summer assignment begins.

Previous technology interns worked primarily on projects related to integrating existing exhibits with "My MoMath," an online platform that will allow visitors to revisit things they created or collected at the Museum (like 3D models or academic papers). In the past, interns have also worked on mathematically-themed fundraising platforms, such as a crowdfunding system based on tessellating monkeys or a text-to-pledge system used at Museum fundraisers that illustrates circle packing. Most interns have also been involved in various exhibit enhancements.

This role is an excellent fit for a technical omnivore who enjoys exercising a varied set of skills and who thrives on the challenge of mastering new technologies. A demonstrated passion for some aspect of the creative use of technology is required.

This position pays $5,000 per month.

To apply, please submit the following to itjob@momath.org. Please include your name and “CS Summer Internship 2019” in the subject line of your email.

1. A résumé
2. A cover letter explaining why you are a good fit for this particular opportunity
3. A 150- to 500-word statement describing your views on mathematics or an experience that shaped your love of mathematics

Applications will be considered on a rolling basis. Please submit your application by Sunday, November 25th, 2018 at the latest.

Thank you for your interest in the National Museum of Mathematics!