

Title: Linear Algebra Curriculum Developer and Forum Moderator (EdX)
Hours: Flexible
Pay: \$15/hr

Description:

An introductory linear algebra series offered on EdX and managed by The School of Math and Georgia Tech Professional Education gives thousands of learners from around the world a foundational set of tools and concepts that have applications in a wide range of disciplines and academic programs. Enrollment in the series is free: thousands of students from all over the world take them every semester. In Fall 2023 for example we had a combined enrollment of over 4,000 students across the four courses.

We are seeking an undergraduate student who has a passion for online learning and linear algebra to help us further improve the courses we offer in our linear algebra series. As a curriculum developer for this project, you will help make our courses more engaging by helping moderate the course forums and by adding components of the course that focus on the application of linear algebra to data science.

In this part-time position you will help refine the learner experience in the Fall 2024 semester for roughly 5 hours per week at \$15 per hour. Experience with tutoring/teaching, LaTeX, programming in any language, AI tools such as ChatGPT, and the content of linear algebra (MATH 1553, MATH 1554, or MATH 1564) is preferred. Work will be done remotely with a School of Math faculty member and a team of student assistants.

You must have an eagerness to learn, be able to write code in LaTeX to create learning activities, working in a small team on a programming project, and meet in brief weekly online meetings.

We will offer training and guidance on how to author content. We can only hire GT students for this position.

We encourage applicants to view the courses on the EdX platform to get a sense of how our courses are structured.

To apply, please send a single PDF file that contains a resume, a cover letter, and three or four problems from linear algebra (MATH 1553 or similar) with detailed solutions to Greg Mayer, greg.mayer@gatech.edu. The exercises and their solutions should be one or two pages.

Please email the file to Greg Mayer, greg.mayer@gatech.edu, as an attachment. In the email subject line please also use the job title so we know which position you are applying for.

We recommend that your resume highlight any experience you may have

with technical writing, programming, linear algebra, AI, and working on a team.

Please submit your application on or before August 2 2024, as we are aiming to hire our team of assistants in the week of August 5.