OPEN POSITION

Publications Technical Specialist
Information Systems

The American Mathematical Society (AMS), founded in 1888, is a non-profit membership organization that promotes interest and research in mathematics through its publications, meetings, programs, services, advocacy, and outreach activities. The AMS has 30,000 members worldwide and offices in Rhode Island, Michigan, and Washington, DC.

The AMS invites qualified candidates to apply for the position of Publications Technical Specialist in the Society’s Providence, RI headquarters. This position is for a programmer specializing in publishing technologies, particularly as related to complex mathematics. This position will provide technical expertise to define scope, objectives, and system requirements for complex publishing projects. The applicant should have advanced knowledge of the Perl programming language. Experience with the LaTeX document preparation system is desirable but not required; however, the applicant must be prepared to acquire an in-depth understanding of LaTeX programming within one year. Experience with emerging electronic publishing technologies such as HTML5, XML, MathML, MathJax, EPUB3, CSS, and publishing on the web and on mobile devices is a plus. Ability to learn new technologies on the job is a must, as is the ability to work both independently and in a collaborative environment.

Come and be part of an extraordinary collection of talent who support the Society’s Computing Services.

RESPONSIBILITIES:
Particular duties, tasks and responsibilities of this programmer analyst position include:

- As a member of the Publications Technical Group this position is responsible for creating and maintaining the production procedures and technical tools used to publish AMS books and journals. Members of this group need to keep abreast of emerging publishing technologies, provide user support to Production staff, mathematicians and AMS authors, and participate in high-level technical planning for current and future publications
- Write/maintain the AMS production environment using object-oriented Perl and other accepted programming languages and methodologies
- Obtain and maintain an advanced understanding of all aspects of LaTeX as it relates AMS book and journal publishing
- Provide input to project leader to define technical scope for publications-related projects

QUALIFICATIONS:
Required Skill Attributes:
- Demonstrable analytical, problem-solving, and communication abilities
- Advanced knowledge of the Perl programming language and object-oriented programming
- Facility with Linux OS
- Familiarity with the technical aspects of scientific book and journal publishing with particular focus on electronic publishing
- Basic understanding of mathematical notation and structure
- Willingness and ability to acquire an advanced level of understanding of the LaTeX document preparation system

Desired Skill Attributes (familiarity with):
- LaTeX document preparation system
- Electronic publishing technologies (HTML5, XML, MathML, EPUB3, MathJax, JavaScript, etc.)
- Subversion (SVN) file revision control system
- The GNU Emacs text editor
- SQL Database technologies

EDUCATION and/or EXPERIENCE:
- Bachelor’s degree required; background in mathematics or science preferred.

The AMS offers excellent benefits including competitive salaries, health and dental, very generous retirement plan contributions and investment options through TIAA-CREF, flexible spending benefit, generous paid leave, paid life insurance, flexible work hours to help provide work/life balance, free parking, a casual and relaxed work environment, computing benefit, tuition assistance, professional development opportunities and much more.

To apply go to: https://home.eease.adp.com/recruit/?id=11988721

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