Job Description:

The MIT [Office of Research Computing and Data](#) (ORCD) has multiple undergraduate and graduate student positions to work on our Research Community Facing (RCF) team. These roles will be involved in helping researchers working with the most advanced computing tools on MIT's largest and most powerful computing systems for data analysis, modeling, AI/ML, and more.

We are looking for students who are passionate about the use of computing in research and who will enjoy answering questions, helping debug other researchers' and students' technical computing problems, and participating in activities to help all members of the MIT research community use computing effectively to advance research.

Job Responsibilities:

- Attend hands-on help hours and work with other students and researchers to advise and troubleshoot research computing questions from attendees.

- Contribute to writing practical cookbook recipes that spotlight ways to use ORCD large-scale computing resources in real-world research problems.

- Create and document useful utilities to help researchers understand what resources they are using and find opportunities for streamlining and/or scaling up work.

General Requirements:

- Experience in teaching or tutoring.

- Strong written and/or oral communication and listening skills.

- Enthusiasm for helping other researchers debug their workflows and learn new technical skills.

- Intermediate experience with one or more of the following technical computing tools: Python, MATLAB, Julia, R and/or with computer modeling, data analysis and AI/ML stacks.

- Intermediate experience with Linux command line and with scripting and software workflow automation.

- These positions are well suited to junior and senior undergraduates and to graduate students.

Learning Outcomes:

- Gain exposure to professional skills for potential careers in areas such as research software engineering.

- Learn about different areas of research where computing is being applied.

- Create your own research computing work examples.

Available Openings:

- Multiple

Contact Name: Renée Hellenbrecht
Contact Email: rhellen@mit.edu
Work Location: Hybrid with some required on campus time for office hours each week.

To Apply: Send a cover letter and a CV showing your experience through the posting on the Student Financial Services portal (Job ID: 4890). Priority will be given to applications received by September 10, 2024; positions open until filled.

Hours: 10 hours per week maximum during the semester.

Pay: Starting rate $20/hour, incremented depending on experience.