

Position Announcement: Autograding Developer for Online Course

The Research Computing group is searching for a graduate or advanced undergraduate student to help develop an autograder for several online courses offered through Coursera. The three courses – “Efficient Programming”, "High Throughput Computing," and "Advanced MPI" – are currently in development, and are expected to launch in 2019. The person for this position would work closely with the course development group to develop autograding approaches that work with the existing assignments.

Necessary Qualifications:

- Proficiency in programming in Python and C/C++ (both languages needed)

Desired Qualifications:

- Experience in setting up an autograder or unit testing
- Experience with teaching an online course

Starting Pay: \$19.00/hour

Hours: 20 hours/week

Position Announcement: Online Course Developer

The Research Computing group is searching for a graduate or advanced undergraduate student to help develop material for several online courses offered through Coursera. The three courses – “Efficient Programming”, "High Throughput Computing," and "Advanced MPI" – are currently in development, and are expected to launch in 2019. The person for this position would develop PowerPoint material, scripts to be read on film, assignments and quizzes. This person would not need to film the courses, but provide the material for these efforts.

Necessary Qualifications:

- Proficiency with HPC concepts such as high throughput computing, MPI, high throughput computing, and general parallel programming practices
- Skill in a compiled language, such as C/C++
- Excellent writing skills

Desired Qualifications:

- Proficient programming in Fortran
- Experience with teaching an online course

Starting Pay: \$19.00/hour

Hours: 20 hours/week