

A GA must maintain good academic standing ($\geq 3.0/4.0$ GPA; ethical behavior) to retain the position. An assistantship may be terminated at any time due to unacceptable performance or unethical behavior.

Application Process

Assistantships are awarded based upon an individual's abilities and experience relevant to the positions available, as described below. We are looking for individuals with the following background:

- Strong programming skills, in the languages appropriate for a given GA area (see table on next page).
- Comfort with the Windows, UNIX/Linux and Macintosh operating systems.
- Knowledge of fundamental information technology theory and best practices.
- Strong written and verbal communication skills and good interpersonal skills.
- Experience in teaching or tutoring others.

You are not expected to have experience in all of these areas. So, please provide sufficient detail about your academic studies and/or employment background to allow us to accurately evaluate your depth of knowledge, relevant experience, technical skills, and personality.

Your application package should minimally include the following:

- A list of the position(s) for which you are applying. We will only consider you for the one or two for which you are most qualified – not all possible positions. Therefore, please be specific.
- A written statement that describes your background relevant to the position(s) for which you are applying. Discuss the relevant courses that you have taken (with course name(s) and number(s)) and/or any work experience. Describe any experience in tutoring or teaching others; and include a discussion of your approach to explaining concepts and to helping others learn.
- Your resume.
- A confidential professional or academic letter of reference from an individual who can accurately evaluate your communication skills, your interpersonal skills, and your professional competencies relevant to the department's curriculum.

Feel free to include other information, as appropriate, to fully demonstrate the breadth and depth of your capabilities.

→ **Please be sure to include all of the information requested above. Incomplete applications will not be considered.**

Submission Details

Submit your completed application to:

Graduate Coordinator, School of Informatics
B. Thomas Golisano College of Computing & Information Sciences
Rochester Institute of Technology
102 Lomb Memorial Drive
Rochester, New York 14623-5603
USA

Email: InformaticsGrad@rit.edu

Fax: +1 585-475-6584

(Refer to the list of available positions on the next page.)

Typical Assistantship Positions

Position Details & Application Requirements
IST Department Positions
<p>Programming: teaching support and student tutoring for the department's programming curriculum. Our primary teaching language is Java, but we also teach C++ and C#. Knowledge of Java is required; knowledge of one or more of the other languages listed is desirable. Experience with interactive multimedia development (such as Flash) is also desirable.</p> <p>Describe your background in programming, and your skill level in each of the languages above. Include the relevant courses that you have taken (including course name(s) and number(s)), descriptions of projects, and/or any work experience. Also discuss your experience in tutoring or teaching others and your approach to explaining concepts and helping others to learn.</p>
<p>Databases: teaching support and student tutoring for the department's database curriculum. The primary database systems used in the department are Oracle and MySQL. Knowledge of relational theory, and experience with both Oracle and MySQL is required.</p> <p>Describe your experience with database technology. Include the relevant courses that you have taken (including course name(s) and number(s)), descriptions of projects, and/or any work experience. Discuss your experience with hardware and/or software support for databases and your database programming skills (Java/JDBC required; C# and PHP preferred). Include any experience with development tools such as ERwin, etc. Also discuss your experience in tutoring or teaching others and your approach to explaining concepts and helping others to learn.</p>
<p>Website & Media Development: teaching support and student tutoring for Web and interactive media curriculum. In depth knowledge of fundamental website technologies: HTML, DHTML, and CSS. Knowledge of open-source tools and programming languages including PHP, JavaScript, Java, C++ and of databases, such as MySQL. The major packages used by the department are PhotoShop, Flash (ActionScript), and Premier or Final Cut Pro.</p> <p>Describe your background and strengths relative to these technologies for the design and implementation of websites, social software, and/or interactive media applications. Discuss the relevant courses that you have taken (including course name(s) and number(s)), descriptions of projects, and/or any work experience. Also discuss your experience in tutoring or teaching others and your approach to explaining concepts and helping others to learn.</p>
School of Informatics Positions
<p>School Lab Manager: management of student lab facilities. Strong written and verbal communication skills are required. Experience in overseeing computing facilities, managing student workers, and in helping users is desired.</p> <p>Discuss experience that you have in maintaining equipment security, managing others, planning work schedules, and in conflict resolution.</p>
<p>System Analyst: computer systems and end-user support. Strong written and verbal communication skills are required. Experience in software support for end-users and/or computing facilities is desired.</p> <p>Describe your educational background and employment experience in system administration and software support. Discuss your depth of experience with PC and Macintosh platforms; the Windows, Macintosh and UNIX/Linux operating systems; and other administrative and system-imaging software.</p>