

Application Process

Assistantships are awarded based upon an individual's abilities and experience relevant to the positions available, as described below. Include a written statement that states the position(s) for which you are applying along with a resume that describes your relevant background. You are not expected to have experience in all areas; we only consider students for the one or two positions for which they are most qualified. Provide sufficient detail about your academic studies and/or work experience to allow us to accurately evaluate your knowledge and technical skills.

Also include 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 position(s) for which you are applying.

Assistantship Positions

Position #	Application Details
1.	<p>Programming: teaching support and student tutoring for programming curriculum. Our primary teaching language is Java, but we also teach C++ and C#. Knowledge of Java is required; knowledge of the other languages listed is desirable. Experience with game development (C++) and 3D software (such as Maya or 3D Studio Max/3ds Max) is also desirable.</p> <p>Describe your background in programming, and your skill level in each of these languages. 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 learn.</p>
2.	<p>Databases: teaching support and student tutoring for 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 project, 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). Also discuss your experience in tutoring or teaching others and your approach to explaining concepts and helping others learn.</p>
3.	<p>Web Site & Multimedia Development: teaching support and student tutoring for interactive media curriculum. The major packages used by the department are PhotoShop, Flash (ActionScript 3), Director, Premier (or Final Cut Pro) as well as open-source tools and programming languages like PHP, JavaScript, Java, C++ and databases such as MySQL.</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 learn.</p>
4.	<p>IT 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>
5.	<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>