



JOB TITLE: Computer Science Faculty- Adjunct
SCHOOL: School of Business – Computer Science
SUPERVISOR: Dean, School of Business

MAJOR PURPOSE:

The School of Business's Computer Science department is seeking an adjunct faculty member for the Bachelor of Science Degree Program to advance the mission of Jessup University. The successful candidate should have experience in teaching courses in areas such as Programming, Data Science, Full Stack and Networking. This person will be involved in the quality preparation and delivery of course material, curriculum development, and program expansion. The candidate must demonstrate proven leadership, and pedagogical expertise.

The pay range for this position generally is: \$744 – \$1334 per unit. Individual pay is determined by a number of factors including job-related skills, experience, relevant education or training, and location.

ESSENTIAL FUNCTIONS:

Adjuncts are needed for the following courses:

- Programming 1,2,3 (Python, Object-Orientation, project-oriented development in Python)
- Data Structures & Algorithms 1&2 (Data structures in Python)
- Mobile Computing (Android programming)
- Computer Networking
- Web Stack (using JavaScript for front and backend)
- Database systems
- Operating Systems
- Data Science 1 & 2 (in R or Python)
- Artificial Intelligence
- C++, C#, Java or React
- Math for Programmers
- UI/Tools Programming
- 3D Graphics

Applicants with a background and/or interest in data science, artificial intelligence, distributed and cloud computing and mobile computing are highly desirable. We are using Python as the main language for most of the computer science classes along with R, Java and JavaScript. We make use of Jupyter Notebook for teaching. We are committed to providing the students with strong software engineering background and principles.

Primary responsibilities include teaching undergraduate and graduate courses in computer science including new course developments in the faculty member's area of expertise. Other responsibilities include a strong commitment to teaching at all levels, as well as scholarship and continuing professional development. All faculty members are expected to attend and participate in the all business school faculty meeting each semester that they are teaching, and they have the opportunity to also participate in university committees and governance.

A qualified candidate would possess at least a master's degree in computer science, information systems, or a related discipline at the time of appointment, and excellent classroom and interpersonal skills, previous teaching experience, previous software development experience, and a familiarity with hybrid and fully online educational delivery formats. It is preferred that the candidate has experience in teaching students of diverse backgrounds and interact with students of various skill levels.

QUALIFICATIONS (Minimum)

- Sound Christian testimony with the ability to integrate faith and learning.
- A Master's degree in computer science, information systems or a related discipline.
- Previous relevant industry, software development experience preferred.
- Experience teaching college courses at the undergraduate and/or graduate level.
- Professional credentials are preferred in relevant disciplines.

SKILLS / ABILITIES

- Ability and willingness to work effectively with a diverse student and faculty/staff population.
- Familiarity with relevant information systems and Classroom technology.
- Ability and willingness to work effectively with international students.
- Willingness to build and teach courses in all modalities (face to face day, evening, weekend formats, remote/synchronous, fully online/asynchronous, etc).

MENTAL DEMANDS

- Ability to integrate Christian thought and values in all aspects.
- Ability to engage in critical thinking and exercise independent judgment.
- Ability to maintain confidentiality and manage confidential information.
- Ability to communicate effectively in written and oral form.
- Ability to take initiative without direct supervision.

WORKING ENVIRONMENT:

The employee agrees to promote the values and mission of William Jessup University as a private Christ-centered University and live a life consistent with Biblical principles. All employees of the University are expected to firmly support without reservations the William Jessup University doctrinal statement of personal Christian faith and Community Covenant and Chapters.

Employee's performance shall be assessed, in part, by meaningful progress in their Biblical spiritual formation role. This includes leading class devotions, leading a SFG (Spiritual Formation Group), or performing other duties consistent with Biblical spiritual formation role.

WORKING CONDITIONS:

The employee is regularly in a typical office environment with adequate light and moderate noise levels. No hazardous or significantly unpleasant conditions. Air-conditioned buildings; tile, concrete and carpeted floors; adjustable workstation with ergonomic keyboard is provided. This position is campus based in Rocklin (Campus) and in Online-Remote locations.

PHYSICAL ACTIVITIES AND REQUIREMENTS OF THIS POSITION:

While performing the duties of this job, the employee is regularly required to talk or hear and frequently required to stand, walk, sit, and use hands to handle files, computers, and phones; reach with hands and arms; stoop, and kneel. Frequent and regular repetitive movements required using the wrists, hands, and/or fingers. The employee will occasionally lift and/or move up to 40 pounds. Specific vision abilities include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

The above statements and job description is intended to describe the nature and level of work being performed within this job. They are not intended to be an exhaustive list of all responsibilities, duties and tasks. Other similar or additional duties are to be performed or assigned. Job descriptions are not intended as and do not create employment contracts. Jessup University maintains its status as an at-will employer. Employees may be terminated for any reason not prohibited by law.

I acknowledge I have reviewed the content of this job description and understand that if I have any physical limitations or require any reasonable accommodations in order to perform my job, I must immediately inform administration.

Employee Signature

Date

NOTE: ALL POTENTIAL OFFERS OF EMPLOYMENT ARE PENDING AVAILABLE FUNDING AND FINAL APPROVAL BY ADMINISTRATION