JOB TITLE: Full Time Faculty – Computer Science (Rocklin Campus)

DEPARTMENT: Computer Science

DIVISION: Natural & Applied Sciences Division

SUPERVISOR: Division Chair

Fulltime Computer Science Faculty position. William Jessup University. Rocklin, California.

William Jessup University has a new computer science department. The university will be awarding its first B.S. in Computer Science in 2018. The new faculty member will have the opportunity to shape new courses and overall direction of the curriculum by delivering courses from a wide range of undergraduate computer science based on experience and interest. The development of new courses in the candidate's area of expertise is encouraged. This is a great opportunity for candidates interested in project-based learning, innovative teaching/learning pedagogy, and developing collaborative student/teacher research projects with students from non-computer science disciplines.

Applicants with a background and/or interest in data science, artificial intelligence, distributed and cloud computing, physical computing and embedded systems are highly desirable. We are using Python as the main language for most of the computer science classes. We wish to build an infrastructure to support as many current technologies such as Jupyter Notebook for teaching and research. We are primarily committed to providing the students with strong software engineering 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 advising student, and service on university and college level committees.   The successful candidate will demonstrate a strong commitment to teaching at all levels, as well as scholarship and continuing professional development. All faculty members are expected to participate in University life and governance.

Qualifications: Required qualifications: A doctoral degree in computer science, information systems, or a related discipline at the time of appointment, and excellent classroom and interpersonal skills. ABD candidates will be considered.

Preferred qualifications: Previous teaching experience, previous software development experience, and a familiarity with hybrid and fully online educational delivery formats. Evidence of experience in teaching students of diverse backgrounds is preferred.

PENDING AVAILABLE FUNDING

ESSENTIAL FUNCTIONS:

- Teach a specified number of courses per academic year in computer science core and specialized areas, evaluate and grade students' class work, assignments, and software development projects.
- Prepare course materials including syllabi, homework assignments, projects, and handouts.
- Supervise; advise/monitor senior student projects.
- Advise students on course selection to stay on path towards graduation.
- Engage in scholarship, consulting work in the computing industry, and/or CS pedagogical research.

OTHER FUNCTIONS:

- Assist department chair with curriculum evaluation, revision, and improvement.
- Develop and teach online CS courses.
- Serve on academic and administrative committees that review and recommend policies, make budget decisions, and advise on hires within the department.

QUALIFICATIONS

- A demonstrated, vibrant Christian faith compatible with the mission of William Jessup University.
- A commitment to Christian higher education and the integration of Christian faith, life, and the discipline of computer science.
- Earned doctorate in computer science is preferred. A master's degree in computer science is required if doctorate is not in computer science or a closely related field.
- Demonstrated experience with curriculum development and assessment.
- Experience in computing industry and/or business preferred.
- Demonstrated commitment to teaching and research excellence.

SKILLS / ABILITIES

- Ability and willingness to work effectively with international students

WORKLOAD

Full time faculty is a 12-month contract position with effort balanced between teaching, research activities, and supervising student projects.

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.

PHYSICAL DEMANDS

- Ability to stand, walk, and sit for extended periods of time.
- Visual acuity to read words and numbers.
- Sufficient hand, arm, and finger dexterity to operate a computer keyboard and other office equipment.
- Speaking and hearing ability sufficient to communicate in person or over the telephone.

WORKING ENVIRONMENT:

The employee agrees to promote the values and mission of WJU 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. The employee shall document their Biblical spiritual formation roles in partial fulfillment of the University Service requirements in their professional development and tenure evaluation processes.

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.

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. William Jessup University maintains its status as an at-will employer. Employees may be terminated for any reason not prohibited by law.

PENDING AVAILABLE FUNDING

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