R0133283 Lecturer I, Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) at the University of Nevada, Reno (UNR) invites applications for a full-time non-tenure track Lecturer position in Computer Science and Engineering starting in January 2023. The successful applicant will be expected to primarily teach computer engineering courses, for example:

- CS219 Computer Organization: Introduction to organization and integration of computer components. Topics include: computer abstractions and performance, arithmetic operations, instruction set architecture, assembly programming, datapath, pipelining, memory hierarchy, I/O, and parallel architectures.

- CPE 301 Embedded Systems Design: Embedded systems design and applications. Field Programmable gate arrays, microcontroller architecture, memory and I/O decoding, timers, interrupt systems, analog to digital converters.

- CPE 400 Computer Communication Networks: ISO model, protocol layers, circuit/packet switching, sockets, reliable transport, congestion control, routing, addressing, multiple access control, error correction, coding, and digital modulation.

- Computer Engineering technical electives at the senior/graduate level.

The expected teaching load is 3 courses per semester. Required mode of course delivery is in-person, but will follow temporary alternate operations as adopted by University administration. There are opportunities to teach courses over the summer or online courses for an additional stipend. The applicant is further expected to participate in department, college, and university activities, such as curriculum development, curriculum enhancement, and mentoring student projects. They will also contribute to committee and department assignments including administrative, outreach, and other functions.

Lecturer Statement
The University of Nevada, Reno reserves the right to hire at any level of Lecturer (I-IV) or Teaching Assistant/Associate/Professor (terminal degree candidates) that is appropriate for the hire. If you have questions about title, please inquire during the interview process.

Required Qualifications
Applicants must have a M.S. or Ph.D. in Computer Engineering, Electrical Engineering or Computer Science by **January 1, 2023**.

In addition, applicants must be strongly committed to excellence in teaching and student mentoring. Two years of college-level teaching is required (preferably teaching introductory Computer science or Computer Engineering courses) as well as a demonstrated interest in innovative teaching.

Applicants are encouraged to consult our BS in CSE curriculum here.

Compensation Grade
Lecturer I

To view the salary schedule for this position, please visit: Salary Schedules and select Academic Faculty (12 month). Salary is competitive and commensurate with related education and experience.

Remarkable Retirement!
Our retirement plan is beyond compare. Your 15.50% contribution is generously matched by the University.   With the faculty retirement plan, you are 100% vested your first day. Sit back and watch your retirement dollars grow! All permanent employees on an annual "A" or "B" contract who are employed at least 50% full-time are eligible to participate in the NSHE retirement program unless they are members of PERS of Nevada.

"I had no idea the values of the faculty retirement plan when I joined UNR. On my first day, I found out I was fully vested in my contributions and the companies 15.5% matching. I have watched my retirement grow over the years, not only in contributions, but with investments. It is hard to put into words how appreciative I am to feel so secure in my future" – Michelle B.

Perks of Working at UNR!
- Health insurance options including dental and vision - [Health Insurance](#)
- Generous annual and sick leave, life insurance and long-term disability – [Faculty Benefits](#)
- E. L. Wiegand Fitness Center offers an annual or semester membership and family membership options. [E.L. Wiegand Fitness Center](#)
- Reno is proud to be a University town! Many local businesses offer discounts to WolfCard holders
- [Mountain EAP](#) supports employees (and eligible dependents) through life's difficult moments. Mountain EAP is located in Reno and specializes in counseling and advising services for personal or interpersonal issues.
- Several Diversity Committees and Affinity Groups focusing on campus-wide diversity initiatives to ensure we are working to create a diverse and welcoming campus climate. [Diversity Groups](#)
- Faculty Senate is the principal representing body for faculty. Its membership includes representatives from each academic and administrative major unit of the University. [Faculty Senate](#)
- No state income tax!

Grants-in-aid for Faculty Employees
The University is proud to provide a reduced-rate tuition benefit to faculty and qualified dependents. Faculty can take up to six credits per semester at a reduced rate. Dependents of faculty have unlimited credits, but in order to be eligible children must be unmarried and under the age of 24 and must receive at least 50% of their financial support from the employee and/or employee's spouse or domestic partner. [Faculty Grants-in-Aid](#)

Faculty Dual Career Assistance Program
The University of Nevada, Reno recognizes the importance of addressing dual-career couples' professional needs. We offer a dual career assistance program to newly hired faculty spouses/partners that provides resources and assists them to identify career opportunities in Northern Nevada. [Dual Career Assistance Program](#)

The Department of Computer Science and Engineering

The Department of Computer Science and Engineering is dynamic and rapidly expanding. Our department currently has 1,100 students including 70 Ph.D. and 60 M.S. students. In August of 2020, the CSE department moved into the new engineering building where it occupies 23,000 square feet of the state-of-the-art research space, including 30 faculty offices and nine shared research labs, each more than 1,000 square feet. The new building has state of the art teaching labs and classrooms.

Two faculty have been awarded Tibbits distinguished teacher awards. Several faculty are the recipients of senior scholar mentors awards. The CSE Department has several NSF CAREER awardees. Apart from

NSF, research in the department is also supported by DoD, DoE, DHS, NIH, DARPA and NASA, as well as by companies such as Google, Microsoft, Tesla, Nokia and Mozilla. With strong research and education programs in (1) Cybersecurity and Network Systems, (2) Intelligent and Autonomous Systems & (3) Data and Software Systems, the department's average annual research expenditures were $4.75M over the last three years.

The department currently offers B.S., M.S., and Ph.D. degrees in computer science and engineering; two minors and a graduate certificate in cybersecurity; A minor in digital interactive games; and a minor in unmanned autonomous systems. We currently offer an online MS in Cybersecurity. We expect strong growth in research funding and student enrollments over the next several years. For more details, please visit: https://www.unr.edu/cse.

The College of Engineering
In the past decade, substantial growth in both student enrollment and tenure-track faculty positions has led the College of Engineering to unprecedented success and new levels of performance that contributed significantly to the University's elevation to Carnegie R1 status. Enrollment has doubled, and in the most recent fiscal year, new research funding surpassed $22 million. This fall, the new 100,000-square-foot William N. Pennington Engineering Building opened. With its 150 graduate workstations, 40 laboratories and ISO Class 5 (Class 100) cleanroom, our students and faculty will build on the College's robust tradition of excellence in pursuit of high-impact research that improves lives in our state, across our nation and around the world. https://www.unr.edu/engineering

Contact Information
Contact Ms. Christina Ruymaekers cruymaekers@unr.edu for questions regarding the application process.

Required Attachment(s)
Please note, once you submit your application the only attachment/s viewable to you will be the attachment/s to the resume/CV section of the application. Any additional required attachment/s to the cover letter, references, additional documents sections of the application, will not be viewable to you after you submit your application. All uploaded attachment/s will be on the application for the committee to review. To request updates to attachments, prior to the committee review of applications, please contact the candidate helpdesk at jobs@unr.edu.

Attach the following attachments to your application
1) Resume/CV
2) Cover Letter
3) Contact Information for Three Professional References
4) Please write a brief statement (one page maximum) about how you would contribute toward our mission of creating a culturally inclusive environment in the role for which you are applying.

Full Consideration
Qualified individuals are encouraged to apply immediately. Review of applications will begin on **November 15, 2022**.

This posting is open until filled
Qualified individuals are encouraged to apply immediately. This search will close without notice when a sufficient number of applications are received or a hiring decision has been made.