

Adjunct Instructor, Computer Science

**Constantin College of Liberal Arts**

**Date Posted: 15 June 2017**

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### **JOB DESCRIPTION**

The University of Dallas Computer Science Department is looking for an instructor for Analysis of Algorithms, for the Fall 2017 semester. This course provides a mathematical study of the complexity of fundamental algorithms in computer science, including sorting, searching, heaps, some basic number theory algorithms (gcd, RSA) dynamic programming, and a basic introduction to the theory of NP completeness.

### **PRIMARY RESPONSIBILITIES**

- Prepare and deliver lectures.
- Invite, facilitate, and moderate classroom discussion.
- Evaluate and grade student coursework.
- Maintain student attendance records, grades, and other required records.
- Plan, evaluate, and revise course content, course materials, and methods of instruction.
- Maintain regularly scheduled office hours to advise and assist students.
- Participate in meetings pertinent to faculty professional responsibilities.
- This job posting is not to be construed as an exhaustive statement of duties, responsibilities or requirements. A faculty member may be required to perform other job-related duties as requested by the chair, subject to reasonable accommodation.

### **MINIMUM REQUIREMENTS**

- The instructor must hold a masters degree in computer science, or in a closely-related field, by the time the course begins.

### **ADDITIONAL INFORMATION**

The course meets for three hours a week, between August 23 and December 6, on the campus of the University of Dallas, in the Haggerty Science Center. The course will be taught in our computer lab/teaching classroom, which is furnished with computers running Linux. We expect between 10 and 12 students.

### **APPLICATION**

Please submit your application here: <https://udallas.wufoo.com/forms/faculty-application-for-employment/>

## **WHO WE ARE**

The University of Dallas is a Catholic university which seeks to educate the whole person, encouraging its students to pursue wisdom, truth, and virtue as the primary ends of education (<http://www.udallas.edu/about/mission.php>). All faculty members are expected to understand and support the mission.

## **BENEFITS**

UD provides competitive pay and benefits including eligibility to participate in medical, dental, life & disability insurance, employee events, health & wellness program, a free fitness center, competitive leave programs, free tuition for employee and family, and matching retirement plan contributions.

The University of Dallas is an Equal Opportunity/Affirmative Action employer. The University does not discriminate against individuals on the basis of race, color, religion, sex, national origin, genetic information, protected veteran status, age, or disability in the administration of its employment practices.