Dr. Shadi Bani Taan

Computer Science & Software Engineering   313-993-1163
College of Engineering & Science   banitash@udmercy.edu
University of Detroit Mercy   http://banitash.faculty.udmercy.edu/

Data Mining, Machine Learning, Mining Software Repositories, Natural Language Processing, and Software Engineering.

North Dakota State University Fargo, ND, USA   May 2013
PhD in Computer Science

Yarmouk University Irbid, Jordan   August 2004
M.Sc. in Computer and Information Sciences

Yarmouk University Irbid, Jordan
B.Sc. in Computer Science   June 2002

University of Detroit Mercy Detroit, USA
Director and Associate Professor   August 2017 – ON

‹ I developed and prepared lectures, assignments and projects for the following undergraduate courses:
   o Introduction to Programming I
   o Java programming
   o Introduction to Data Mining
   o Senior Design Project
   o Artificial Intelligence
‹ I developed and prepared lectures, assignments and projects for the following graduate courses:
   o Artificial Intelligence
   o Data Mining
   o Software Design Techniques
   o Graduate Design Project
   o Artificial Intelligence
‹ My duties and responsibilities as the director of computer science and software engineering are summarized below.
   o Develop a schedule of classes for the computer science and software engineering courses.
   o Recognize teaching needs in a timely fashion and oversee the identification, interviewing and recommendation of non-tenure track hires including adjunct faculty and instructors.
   o Oversee and guide, in consultation with the departmental faculty, programmatic and curriculum review and assessment.
   o Encourage and guide faculty to stay active and current in research and grantsmanship, and effective teaching pedagogy.
   o Review applications for graduation and provide timely recommendations to the Records office.
   o Review, as necessary, other institutions courses for transfer equivalence.
   o Prepare and submit to the Dean, proposals for the computer science and software engineering budget after consultation with the department.
   o Complete payroll authorizations for adjuncts and faculty overload.
   o Review computer science and software engineering faculty annually and submit review comments on fa   ı   A

- o Develop and expand ties and relationships with other academic institutions, and appropriate industry leaders.
- o Encourage Departmental alumni engagement through service at Department and College events, participation in advisory groups, and other appropriate activity.
- ‹ I am currently serving as the major academic advisor for 39 undergraduate and graduate students.

University of Detroit Mercy Detroit, USA
Assistant Professor   January 2013 – July 2017
- ‹ I developed and prepared lectures, assignments and projects for the following undergraduate courses:
  - o Introduction to Programming I
  - o Introduction to Programming II
  - o Java programming
  - o Software Testing
  - o Operating Systems
  - o Software Quality Engineering
  - o Artificial Intelligence
- ‹ I developed and prepared IArtificial Int

3- Shadi Banitaan

effort estimation." Electrical and Computer Engineering (CCECE), 2017 IEEE 30th Canadian Conference on. IEEE, 2017.

7- Jalil Dennis, Colton Wirgau and **Shadi Banitaan**, "Sylvester: An Approach to Emotion Classification", to appear in the First International Conference on New Trends in Information Technology – NTIT 2017, Amman, Jordan, April 25-27, 2017.

8- **Shadi Banitaan**, Mohammad Azzeh, Ali Bou Nassif, "User Movement Prediction: The Contribution of Machine Learning Techniques", in the 2016 15th IEEE International Conference on Machine Learning and Applications (ICMLA), Anaheim, CA, 2016, pp. 571-575.

9- **Shadi Banitaan**, Ali Bou Nassif, and Mohammad Azzeh, "Class Decomposition using K-means and Hierarchical Clustering", in the 14th IEEE International

Computer Skills

Computer Programming: C/C++, Java, VB.NET, Perl, Python, R, Swift

Data base knowledge: Access,