WHAT IS CLAIMED IS:

1. A method for a matching-skills computer software program product, comprising:
data mining job postings in real-time;
mining information on positions from job postings on websites on the Internet, company listings and through social media available from open sources and providing information on position requirements;
providing information including candidates resumes available from open sources and information including course descriptions available from open sources;
modeling the information in the form of at least one hierarchical representation;
applying a recurrent neural network algorithm which determines at least one of a pattern and a relationship between words of the information;
clustering words together that closely relate to each other;;
relating the words to closely embedded words which provide skills related to a word in order to identify a skill;
connecting a job posting to that skill and/or connecting courses teaching that skill.

2. The method of claim 1, further comprising:
updating the at least one hierarchical representation as additional job postings and additional course descriptions are obtained.

3. The method of claim 2, wherein the modeling is adaptive.

4. The method of any one of claims 1 to 3, comprising the step of providing a potential candidate with a roadmap on how to attain the necessary skill.

5. The method of any one of claims 1 to 4, comprising the steps of reviewing coursework completed at an institution and reviewing coursework completed at another institution; comparing the coursework completed at an institution to coursework at another institution by comparing one or more elements of the coursework and determining the coursework to be transferable when a certain amount of the elements of the coursework overlap between the institutions.

6. The method of any one of claims 1 to 5, comprising the steps of using known words in word clusters to predict words in a surrounding context so that the result is a network of words associated to a known network of skills.

7. The method of claim 6, comprising the step of clustering words together that closely relate to each other, allowing courses, resumes, and job positions to be mined.

8. The method of any one of claims 1 to 7, comprising the step of showing the identified skill, the connected job posting and/or the connected courses to a user or users; outputting the identified skill, the connected job posting and/or the connected courses as a video image

9. The method of any one of claims 1 to 8, wherein texts are treated as sequences in time.

10. A system, comprising:
means for data mining job postings in real-time from publicly available resources;
means for obtaining on job positions information from job postings on at least one website and information including candidates resumes available from open sources and information including course descriptions available from open sources;
a neural network system for determining the clustering between words of the obtained information;
a matching module for interpreting the clustering; and
processors associated with a display device for showing results to a user or users.

11. The system of claim 10, wherein the system is adaptive.

12. The system of claim 10, wherein the means for obtaining information is continuously obtaining more information.

13. The system of claim 12, wherein the information is stored in an electronic storage device.

14. A computer-readable medium having instructions thereon to perform the method of any one of claims 1 to 9.