Focus on Careers:

COMPUTATIONAL LINGUISTICS

Computational linguistics is the scientific study of language from a computational perspective. It is an interdisciplinary field that draws on linguistic theory and computer science. Computational linguistics techniques are employed whenever a person uses Facebook, Google, Twitter, Yahoo, and many other websites and applications. Graduates may find careers that intersect the relationship between computers and language such as: automatic summarization, information extraction, machine translation, speech technology, and text mining.

POSSIBLE AREAS OF EMPLOYMENT

- Artificial intelligence systems
- Computational linguistic centers
- Information technology
- Federal government
- Neuroscience research centers
- Entertainment
- Software development
- Technology manufacturers
- Telecommunications
- Translation agencies

EMPLOYABILITY SKILLS

- Analytical problem solving
- Deriving innovative solutions to unique problems
- Understanding processes used for computation
- Organization of computer programs and operations
- Data structure management

ADDITIONAL RESOURCES

To learn more about the field and career options in Computational Linguistics, please visit:

- Association for Computational Linguistics
  aclweb.org
- Association for Computing Machinery
  acm.org
- MultiLingual Computing, Inc.
  multilingual.com
- Linguist List
  linguistlist.org/jobs

BEYOND BRANDEIS

GSAS alumni have gone on to a variety of careers including:

- Language Annotation Program Manager - Amazon
- Lead Data Scientist - The BackPlane Inc.
- Senior Artificial Intelligence Engineer - MITRE
- IT Business Analyst - Sikorsky Aircraft
- Text Analytics Specialist - Intuit
- Software Engineer - IBM
- Software Development Engineer - Audible, Inc.
- Data Analyst - Raytheon BBN Technologies

The Graduate School of Arts and Sciences’ Career Services office helps you explore career options and acquire job-search skills while at Brandeis and as you prepare to enter the workforce.

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