Computer Science Student Position in the Psychotherapy Domain

Our research team leverage novel technologies to advance mental health research. We bring together experts in clinical psychology, machine learning, and data science to promote personalized medicine in mental health care.

The selected student will join a research project led by Dr. Dana Atzil-Slonim from the Psychology Department and Professor Yoav Goldberg from the Computer Science Department at Bar-Ilan University. The project is focused on leveraging Machine Learning and Natural Language Processing techniques to analyze a large and unique multi-modal dataset of recorded psychotherapy sessions.

This is an excellent opportunity for a talented research student to join a project with tremendous potential to harness advanced technologies to improve treatment for those suffering from mental health problems.

Student position. 8-10 hours a week, with an option to work some of these hours from home.

The job responsibilities may include but are not limited to:

- Preparing the data for analysis.
- Application of NLP methods and perhaps also multi-modal ML technologies to real-world data.
- Writing code in Python.
- Involvement in research planning and writing articles.
- The work will be supervised by data science experts and mental health experts.

Requirements:

- BSc/MSc/Phd student in Computer Science or related fields.
- High programming capabilities.
- High proficiency in Python coding.
- Familiarity with ML.
- Experience working with NLP tools and models.
- Familiarity with data analysis tools.
- Track record of creativity and innovation.
- Fast learner, self-motivated & a team player.
To apply for the job and for more details please send your CV + a short description of yourself and why do you think you are suitable for this job to this email address:

dana.slonim@gmail.com

In the subject of this email please write:

Application for CS student position