



## Data Scientist (voice/speech)

Daon is an innovative provider of award-winning biometric identity assurance software products and services focused on meeting the needs of governments and large commercial organizations worldwide.

We are looking for a Data Scientist to join our Voice Research team. This is an exciting time to join our company and a chance to be part of an established and successful product development team.

### Your contribution:

Work with the latest voice biometric and speech technologies to:

- Develop and test machine learning algorithms for use in voice authentication solutions including Speaker identification, Anti-spoofing and Speech recognition.
- Set up tests and protocols able to efficiently increase company knowledge, understanding and control over current state-of-the-art speech processing systems.
- Utilize and extend existing company's common code and libraries.
- Understand, implement and extend latest algorithms from the scientific speech community
- Create solutions to detect voice presentation attacks & prevent fraud.
- Quickly prototype proof-of-concept solutions and port them to product
- Apply and grow your expertise in AI, machine learning, and audio signal processing.

### Person Specification:

- Eager to learn new skills in voice research and development.

- Experience in developing & training complex state-of-the-art algorithms.
- Machine learning and signal processing background.
- Proficiency in Python (application code & notebooks).
- Experience with Deep Neural Network frameworks such as Pytorch or Tensorflow.
- Working knowledge of speech libraries & toolkits, such as SpeechBrain, and Kaldi, is an advantage
- Experience with C++ and deploying machine learning models in a C environment is a bonus
- Experience with Deep Neural Network systems optimization including knowledge distillation, and working knowledge of latest C++ Machine Learning libraries is a bonus

At Daon, we know that ability comes in different shapes. We value passion, dedication, and a willingness to learn. Please consider applying if your experience is close to what we are looking for, as we believe that diversity is a fundamental strength.

### You have:

- Bachelor's degree in Computer Science, Engineering, Math related field, or equivalent
- Ph.D or master's degrees a bonus
- Strong analytical and problem-solving skills.
- Ability to work independently and as a member of a team
- Strong desire to continuously learn and grow
- Good verbal and written English

### We offer:

- An opportunity to work in the growing world of biometric and identity management technologies
- Competitive compensation & benefits
- Flexible working environment to create a very balanced work/life schedule for you and your family
- And much more!

If you believe you are the right person for this job, please send your CV to us. We are looking forward to hear from you. Only shortlisted candidates will be contacted. Send your CV to [amantecon@daon.com](mailto:amantecon@daon.com)