



## Principal Machine Learning Systems Engineer

### Job description

Connected Secure Systems is searching for a Principal Machine Learning Engineer – Speech processing, to help us build and improve our state-of-the-art voice control pipeline. This position belongs to the core R&D team within the IoT systems group which consists of domain experts from a variety of disciplines. The team prides itself in creating best-in-class solutions and we are looking for a leader in the speech processing domain.

#### In your new role you will:

- We are looking for Principal Machine Learning Engineer – Speech processing, to help us build and improve our state-of-the-art voice control pipeline. This position belongs to the core R&D team within the IoT systems group which consists of domain experts from a variety of disciplines. The team prides itself in creating best-in-class solutions and we are looking for a leader in the speech processing domain.
- Work closely with the voice processing team to define, implement, and evaluate state-of-the-art approaches for voice control.
- Create, own and design automatic speech recognition (ASR) engine based on large scale real-world data
- Deploy and support production ASR models in the real world
- Participate in improving various components of voice control pipeline with the team

### Profile

#### You are best equipped for this task if you have:

- M.S. or Ph.D. in Computer Science, Speech Recognition, or Machine Learning, or equivalent professional experience
- 9+ years experience using Python, C++, or similar languages
- Strong Research experience in Machine Learning, Deep Learning and Speech Processing
- Experience with standard ASR toolkits such as Kaldi, HTK, or similar
- Familiarity with deep learning speech enhancement architectures
- Experience with end-to-end speech recognition pipeline
- Experience with Linux based development

### At a glance

Location: **Irvine, CA (United States)**  
Job ID: **329792**  
Start date: **immediately**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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