CVTE 视源股份 股票代码：002841

Signal Processing Algorithm - Senior Engineer

Guangzhou, Guangdong Province, China

Core Responsibilities

Devise innovative time-dependent signal processing algorithms and deliver the next generation tactile sensors together with our hardware team：

1. Develop DSP algorithm, including transform, convolution, feature extraction and etc.;
2. Analyze noise sources in the signal chain and improve SNR by filtering;
3. Apply static or machine learning algorithm to classification and prediction;
4. Understand hardware requirements and provide feedback to other architects to improve the system designs.

Key Qualifications

1. Excellent understanding of time serial signal processing pipeline, including classification, noise reduction, event detection and etc.;
2. Solid math/statistic background; deep learning of time series or pattern recognition is a plus;
3. Knowledge of following is preferred: signal quality measurement, sensor fusion, noise models, adaptive filters or array signal;
4. Hands-on programming skills (C/C++ or Python).

MS required, PhD preferred.
Relevant fields: Electrical Engineering, Computer Science, Statics and etc.

Recruiter

Michael Zhao

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