

## Project Summary

### Project Title

# e·lec·tro·mag·net·ic pulse

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*Word Count = 100*

An electromagnetic pulse is a rapid, invisible burst of electromagnetic energy. It is a natural phenomenon, occurring most frequently during lightning strikes, and can disrupt or destroy nearby electronics.

San Jose is the center of Silicon Valley, a unique place where creativity, in combination with technology, has led to disruptive innovation. The attributes associated with an electromagnetic pulse represent San Jose's past, present, and future.

The proposed LED light installation incorporates sine waveforms (superimposed on silicon chipset pathways), an interactive sound capture system, and wearable technology, to cause the LED lights to pulse – similar to that of a life-affirming heartbeat.