



Cree Santa Barbara Tech Center Internship

Intelligent Systems Research

Be part of the exciting R&D Team at Cree and work on the future of LED lighting!

Cree is looking for a talented and enthusiastic student to work on a challenging computer vision problem. We are working on bringing real intelligence to lighting and IoT systems. Using intelligent lighting we can reduce the energy usage of a building and make working in that building a more natural and pleasant experience. Do you have what it takes?

Requirements

- Good understanding of C / C++
- Experience with modern computer vision (for example deep neural networks)
- Graduate student in Computer Science, related field or strong personal experience

Good to have experience

- (Embedded) Linux experience
- Python
- Raspberry Pi
- OpenCV or similar toolkit

Duties and responsibilities

- Build dataset to test algorithms against
- Evaluate algorithms that could be appropriate to the task
- Classify their properties such as detection probabilities and resource usage.

Timing

- Internship to begin in Q1 of 2018 and expected to last for 1 to 2 quarters.

Hours

Cree is flexible in the hours that you can spend and will work with you to find the best schedule that fits your studies. Our preference would be a minimum of 5 hours outside of exam periods.

Contact

For more information contact:

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Cree is a premier innovator and manufacturer of semiconductor technology that enhances the value of solid-state lighting, power and communications products by significantly increasing their energy performance and efficiency. Our products and people are leading the LED lighting revolution and changing the way the world consumes energy.