Post-Doctoral Research Fellow Openings at University of California, Santa Barbara

There are immediate post-doctoral research fellow openings in Prof. Peng Li's group in computer engineering at the Department of Electrical and Computer Engineering, University of California, Santa Barbara. Energetic candidates with established expertise in computer engineering, electrical engineering, computer science, statistics, applied math, and other related fields are encouraged to apply to work on one or multiple topics as below:

1) Decision making of complex systems in the presence of uncertainty using probabilistic graphical models and reinforcement learning;

2) Robust statistical & deep learning for anomaly detection and design verification of safety-critical systems;

3) Training algorithms, architectures, and circuits of brain-inspired computing (a.k.a. neuromorphic computing) including but not limited to learning paradigms based on spiking neural networks and models inspired by high-level cognitive principles and ideas at the intersections between neuroscience and deep learning;

4) Algorithm/architecture/circuit co-design of hardware machine learning accelerators.

Successful applicants are expected to define and lead dynamic research. Strong execution skills, out-of-box thinking, and interest in bridging different domains are big pluses.

Contact:

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