



Machine Learning Engineer (Intern)

Samsung Semiconductor, Inc. is a world leader in Memory and Storage technologies. We are currently looking for a Machine Learning Engineer (Intern) to join our team in San Jose, CA. The Machine Learning Intern will contribute memory and storage system research in the Memory Solutions Lab. He or she will join a team of experts in researching and developing innovative memory and storage system solutions that utilize existing and emerging technologies to add substantial value to storage systems. The ideal candidate must have a strong understanding of image recognition, machine learning and CUDA as well as good understanding of computer architecture and storage systems.

Responsibilities

- Implement image-recognition kernel such as CNN in CUDA environments.
- Compare the performances in different platforms.
- Analyze performance bottleneck and propose new architecture and storage systems for more efficient computation.
- Work with team members to contribute towards prototyping efforts.
- Create new and useful IP, publish at conferences, and generate whitepapers.

Background/ Experience

- Pursuing an MS or PhD in Computer Science, Computer Engineering or related field, with focus on Machine Learning or Computer Architecture.
- Good knowledge of CUDA.
- Research and development experience with CNN.
- Prior experience with performance analysis and optimization will be a big plus.
- Track record of innovation and creativity in problem solving.

Skills

- Must be highly motivated with excellent verbal and written communication skills.
- Understanding of image recognition.
- Strong background in C/C++ programming. Knowledge of CUDA is a big plus.
- Comfortable working in a multinational environment and understands how to leverage cultural diversity.
- Inherent technical curiosity