

## Contact

[www.linkedin.com/in/nuocheng-p-00a815170](https://www.linkedin.com/in/nuocheng-p-00a815170) (LinkedIn)

## Top Skills

High Performance Computing (HPC)  
Written Communication  
Programming Languages

## Languages

Chinese (Native or Bilingual)  
English (Professional Working)

## Honors-Awards

James Scholar  
Dean's List Spring 2018  
Dean's List Fall 2017

# Nuocheng P.

MS Computer Science Student @ UCLA | CS Bachelor, EngPhysics  
Bachelor @ UIUC  
Los Angeles, California, United States

## Summary

Currently an MS graduate at Computer Science, UCLA. Previously an undergraduate student enrolled in CS major with constant James Scholar at UIUC with a dual-degree in Engineering Physics. Highly interested in both CS and Physics, and also E-games with some game testing experience as an internal core player for testing and debugging purpose in high school age. Actively finding interns, and interest and focus right now is on deep learning, quantum computing and parallel computing.

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## Experience

### NVIDIA

Deep Learning Performance Software Engineer Intern, Inference  
June 2022 - September 2022 (4 months)  
United States

- Worked closely with 8 group members to deliver thousands lines of Python and Scripting code in docker
- Designed and improved generic and extensible benchmark frameworks to accommodate PyTorch and TensorFlow frameworks
- Added benchmark support for a variety of models and datasets in frameworks such as PyTorch, TensorFlow, HuggingFace etc.
- Performed inferences using benchmarks on clusters in docker environments and reported statistics using Scripts
- Collaborated with senior team members conducting frequent code review to ensure version and quality control using Git

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## Education

University of California, Los Angeles  
Master of Science - MS, Computer Science · (September 2021 - December 2023)

University of Illinois Urbana-Champaign

Bachelor of Science - BS, Computer Science · (August 2017 - May 2021)

University of Illinois Urbana-Champaign

Bachelor of Science - BS, Engineering Physics · (August 2017 - May 2021)