Quan T.Mai

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EDUCATION

University of Arkansas at Fayetteville, Arkansas, United States   Spring 2020 - Present
PhD Student in Computer Engineering, CSCE Department
- Grade in Class until present:
    - CSCE3613-Operating Systems: A   Spring 2020
    - CSCE5703-Computer Vision: A   Spring 2020
    - CSCE5783-Cloud Computing and Security: A   Fall 2020
    - CSCE5013-Advanced Deep Learning: A   Fall 2020
    - CSCE5293-Computer Architecture: A   Spring 2021
    - MEEG5343-Computational Material Science: A   Spring 2021
    - CSCE5114: Embedded Systems: A   Fall 2021
    - CSCE5063: Machine Learning: A   Fall 2021

DaNang University of Science and Technology, DaNang, Viet Nam   Aug 2011-June 2016
Bachelor of Science in Electronics Engineering, Faculty of Electronics and Telecommunication, the Center of Excellence
- Cumulative GPA: 3.44/4.0 (and 8.28/10)
- Senior Thesis: High speed Pseudo two-port memory developed on 28nm technology running at 1.5GHz with 0.9V power supply
- Grade in Class of CSCE related subjects:
    - Machine Learning: 86/100 (A)
    - Data Structure and Algorithms: 81/100 (B)
    - Computer Design and Organization: 77/100 (B)
    - Digital Circuits and Systems: 74/100 (B)

RESEARCH INTERESTS

High Performance Computing
Deep Learning
Machine Learning
Information Theory

SKILLS

Programming languages: C++, CUDA, Python
English Skill: 7.0 IELTS   Summer 2019

WORK EXPERIENCE

Super Compute Architect Graduate Intern, Intel Corporation   Spring 2022 - Present
Teaching Assistant, Cloud Computing and Security, CSCE, University of Arkansas   Fall 2021
Hold office hours weekly, grade assignments for CSCE5783-Cloud Computing and Security lectured by Dr. Miaoqing Huang
Teaching Assistant, Operating Systems, CSCE, University of Arkansas   Spring 2021
Hold office hours weekly, grade assignments for CSCE3613-Operating Systems lectured by Dr. Lora Streeter
Teaching Assistant, Programming Foundations II, CSCE, University of Arkansas   Summer 2021

Teaching Assistant, Algorithms, CSCE, University of Arkansas   Fall 2020
Hold office hours weekly, grade assignments for CSCE4133-Algorithms lectured by Dr. Ukash Nakarmi
Research Assistant, Computer System Lab, CSCE, University of Arkansas   Spring 2020
Work under guidance of Dr. Miaoqing Huang, implement parallel programming on GPU

IP Design Engineer, eSilicon (now Synopsys), Danang City   August 2016 - October 2019
Circuit design team, work major in developing high speed / ultra-high speed Pseudo two ports (P2P) SRAM on the cutting edge of process: 28nm, 14nm, 10nm, 7nm and 5nm technology

HONORS AND AWARDS
First prize, Sunflower Mission – Engineering & Technology Scholarship   Winter 2015