

Tanawat Khunlertkit

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Mailing Address

2466 N Oakland Ave. Apt. 320
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Education

University of Wisconsin, Madison, Madison, WI

BS Computer Engineering (2009)

BS Computer Science (2009)

GPA: 2.84/4.00

University of Wisconsin, Milwaukee, Milwaukee, WI

MS Computer Science (2012)

GPA: 3.81/4.00

University of Wisconsin, Milwaukee, Milwaukee, WI

PhD Computer Science (Current)

Working Experience

Grader position

University of Wisconsin-Milwaukee, (Spring 11 - Fall 11)

Course: CS 150 - Survey of Computer Science

Supervisor: Professor Robert Sorenson

University of Wisconsin-Milwaukee, (Fall 12)

Course: CS 535 - Algorithm Design and Analysis

Supervisor: Professor Adrian Dumitrescu

Course: CS 469 - Computer Security

Supervisor: Professor Christine Cheng

Teaching Assistant

University of Wisconsin-Milwaukee, (Fall 12 - present)

Course: CS 201 - Introductory to Computer Programming

Supervisor: Professor Robert Sorenson

University of Wisconsin-Milwaukee, (Spring 13)

Course: CS 113 - Introduction to Web Document Production

Supervisor: Professor Jason Rock

Skills

Microsoft: Microsoft Word, Microsoft Excel, Microsoft Powerpoint

Mathematical Model: MATLAB

Design: AutoCAD, Quartus, Verilog

High Level Languages: C, C++, Java, PHP, Postgresql

Assembly Languages: MIPS, ARM7TDMI

Operating System: Windows 7, Mac OS X, Unix, Red Hat Linux

Language: Thai and English(Fluent)

**Academic
Experience
(Undergraduate
Study)**

University of Wisconsin Madison, Madison, WI (Fall, 2007)
Course: ECE 552 Introduction to Computer Architecture
Instructor: Prof. Parameswaran (Parmesh) Ramanathan
Project: Design a 16-bit Microprocessor with 16 instructions set.

University of Wisconsin Madison, Madison, WI (Spring, 2008)
Course: CS 537 Introduction to Operating Systems
Instructor: Prof. Barton Miller
Project: Simulation for CPU Scheduling Algorithms.

University of Wisconsin Madison, Madison, WI (Fall, 2008)
Course: CS 536 Intro to Programming Languages and Compilers
Instructor: Prof. Thomas W. Reps
Project: Conversion from high level language(C) to Assembly language(MIPS Assembly Language)

University of Wisconsin Madison, Madison, WI (Fall, 2008)
Course: ECE 551 Digital Design and Synthesis
Instructor: Eric Hoffman
Project: Calibrated Temperature IC Design using Verilog and Synopsys

University of Wisconsin Madison, Madison, WI (Spring, 2009)
Course: CS 564 Intro to database Management System
Instructor: Prof. Jignesh Patel
Project: Design Back-end for a Simple Database System

University of Wisconsin Madison, Madison, WI (Spring, 2009)
Course: ECE 453 Embedded System Design
Instructor: Prof. Michael G. Morrow
Project: Stepper Motor Controller Design Using Verilog Implemented on ARM-FPGA board.

**Academic
Experience
(Graduate
Study)**

University of Wisconsin Milwaukee, Milwaukee, WI (Fall 2010)
Course: CS 536 Software Engineering
Instructor: Professor Tian Zhao
Project: java Music Player with Simple Features.

University of Wisconsin Milwaukee, Milwaukee, WI (Spring 2011)
Course: CS 530 Computer Network Laboratory
Instructor: Professor Rafat Elsharef
Project: Asterisk phone server on Linux Machine with SIP Client.

University of Wisconsin Milwaukee, Milwaukee, WI (Spring 2011)
Course: CS 530 Computer Network Laboratory
Instructor: Professor Rafat Elsharef
Project: Asterisk phone server on Linux Machine with SIP Client.

University of Wisconsin Milwaukee, Milwaukee, WI (Fall 2012)
Course: CS 995 Master's Capstone Project
Instructor: Professor Hossein Hosseini
Project: Time Analysis of Security Protocols on Vehicle to Vehicle Communication Networks.