Tanawat Khunlertkit

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Aim

To help students with the subjects they do not feel uncomfortable with or Students that are left behind in class. I love helping students when they do not understand the material from the class.

Courses Taken

Embedded System Design, Programming language and compiler, Operating System Concepts, Computer Architecture, Database Management system, Microprocessor course and lab, Digital System Design and Synthesis, Design Automation of Digital Systems, Computer Networks, Software Engineering, Artificial Intelligence.

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
Expected Date of Graduation: May 2012
GPA: 3.81/4.00

Working Experience

Grader position
University of Wisconsin-Milwaukee, (Spring 11 - Fall 11)
Course: CS 150 - Survey of Computer Science
Supervisor: Robert Sorenson

Teaching Assistant
University of Wisconsin-Milwaukee, (Fall 12)
Course: CS 201 - Introductory to Computer Programming
Supervisor: Robert Sorenson

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 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: Tian Zhao
Project: Create a java Music Player with Simple Features.

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

Skills

Microsoft: Microsoft Word, Microsoft Excel, Microsoft Powerpoint
Mathematical Model: MATLAB
Design: AutoCAD, Quartus, Verilog
High Level Languages: C, C++, Java, PHP, Postgresql
Low Level Languages: MIPS, ARM7TDMI
Operating System: Windows 7, Mac OS X, Unix, Red Hat Linux
Language: Thai and English(Fluent)