

Tanawat Khunlertkit

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Permanent Address

4725 Sheboygan Ave. Apt. 236
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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.

Education **University of Wisconsin, Madison, Madison, WI**
BS Computer Engineering
Expected Graduation date: December 2009
GPA: 2.84/4.00

Academic Experience **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 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.

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: Window XP, Mac OS X Leopard, Unix,
Red Hat Linux
Language: Thai and English(Fluent)