

Adil Hashem

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EDUCATION

The City College of CUNY - New York, NY

Bachelors of Science in Computer Science – Major GPA: 3.2

May 2009

PROFESSIONAL EXPERIENCE

Scholastic Inc - Web Developer - TeachersPayTeachers.com Project

02/2007 – 03/2008

- Create and execute new website features and bug fixes.
- Technical Support for website users.
- Update and maintain web server.

Your Choice Real Estate Group Inc.

11/2004 – 06/2005

- Create and maintain website and agent/client database.
- Real Estate Sales Agent.

Express Signs of New York Inc.

10/2003 – 10/2004

- Create and maintain website and client database.
- Design logos, posters, merchandising materials, awnings, banners, light boxes, neons.
- Maintain and print from large format DGI/ROLAND digital printers and plotters.

ACADEMIC PROJECTS

Orthogonal Frequency Division Multiplexing (OFDM) Transmitter/Receiver

Designed and implemented an Orthogonal Frequency Division Multiplexing (OFDM) transmitter/receiver on an Altera Stratix III Field Programmable Gate Array (FPGA) device.

Tools used: Simulink, DSP Builder, ModelSim, Matlab, and Quartus.

A Simple CPU Processor

Designed and implemented a simple CPU processor in VHDL on an Altera Cyclone Field Programmable Gate Array (FPGA) device.

Digital Media Player

Designed and implemented a digital media player application (like iTunes) using C++, with the capability of playing and organizing music files and an animated, three dimensional graphical user interface to browse by album.

A Command Line Interpreter

Designed and implemented in C a basic Command Line Interpreter for UNIX.

Web Project Management Software

Designed and implemented a web-based project management software for analyzing timing performance.

E-Commerce Website

Designed and implemented a complete e-commerce website with catalog from database and the ability to allow a user to purchase items.

CONSULTING

Freelance Web Developer

11/2005 – Present

- Create, edit, update, and manage websites: blogs/e-commerce/ and more.
- Online portfolio of my work: www.adilhashem.com

SOFTWARE SKILLS

Operating Systems: Windows, Windows CE, Linux (Ubuntu/Red Hat), Mac OS X

Database Management Software: MySQL, SQLite

Languages: Assembler Intel x86, Java, C, C++, C#, VHDL, Scheme, Prolog, PHP, JavaScript, Ajax, ActionScript, (x)HTML, XML, CSS, UML

Web Servers: Apache HTTP Server, IIS