

Shaw Yu

Computer Engineering, Research Assistant

Permanent Address

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Current Address

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Education

University of Pittsburgh

Pittsburgh, PA 2007-present

Computer Engineering

Industrial Engineering Minor

Mathematics Minor

Expected Graduation Aug. 2011

3.76/4.0 Major GPA

3.69/4.0 GPA (through 120.0 Credits)

Dean's Honor List 2007-2010

McKinney Engineering Scholarship

University Honors College Tuition

Scholarship

Hatboro-Horsham HS

Horsham, PA 2003-2007

3.7/4.0 Simple GPA

6.1/7.0 Weighted GPA

Graduated 6th of 450 Seniors

NMSC Commended Student

AP Scholar Award

Honor Roll 2003-2007

Objective

To work in the fields of technology, engineering, or business in a position that utilizes my existing skills to help others and advance computer technology, while being challenged to continue learning while on the job.

Experience

University of Pittsburgh Department of Rehabilitation Science Technology

Pittsburgh, PA Sept. 2010 – Present

Lab Technician. Currently designing and assembling electronic devices that are used to motivate children and adults with severe disabilities to participate in occupational, physical and speech/language therapies.

University of Pittsburgh Department of Computer Science

Pittsburgh, PA May 2010 – Present

Research Assistant. Currently assisting in the development and testing of a novel processor interconnect network on a 3D digital die with team members in a research group. Work done in Cadence Virtuoso CAD software and Apple Xcode C++ integrated development environment.

BMW Manufacturing Co., LLC

Spartanburg, SC Jan. 2009 – Dec. 2009

Intern. Worked two semesters (8 months total, Spring/Fall 2009) in the IT Pre-Development department at the BMW IT Research Center. Developed new and experimental technologies, including testing of WiMAX technology in vehicles at high speeds, and simulating supplier plant workflows to reduce cost and increase efficiency. Other tasks include Palm WebOS software development and Apple iPhone application simulation using iRise 7 simulation software.

IHOP

Warrington, PA Jan. 2007 – Aug. 2008

Host. Duties include greeting customers and managing front of restaurant.

Technical Skills

Microsoft Office 2003/07/10 Suite
Microsoft SharePoint
Microsoft Windows 2000/XP/Vista/7
Apple Macintosh OS 10.4-10.6
Adobe Photoshop 7/CS/CS2/CS3
UNIX-based systems

Eclipse JDE
Xcode IDE
iRise Studio 7
Tecnomatix Plant Simulation 8

XHTML/HTML
PHP
CSS
JavaScript
JAVA
C/C++
Oracle / SQL
MATLAB
Maple
Minitab