

Seung Gwon Yang

707 W Treadwell St. #13
Fayetteville, AR 72701

Tel: (479)-571-3501
Email: sxy06@uark.edu

OBJECTIVE

To secure a challenging position in the engineering field proving a broad range of exposure to microelectronics industry with special interests in Mixed-Signal circuit design, ASIC, and Digital system design with FPGA and microcontroller.

EDUCATION

Master of Science, Electrical Engineering

December 2003

University of Arkansas

Fayetteville, AR

Overall GPA: 3.50/4.00

Bachelor of Science, Electronic Engineering

March 2000

Sunchon National University

Sunchon, South-Korea

Overall GPA: 3.20/4.00

RESEARCH EXPERIENCES

Graduate Research Assistance

Since August 2001

University of Arkansas, Fayetteville, AR

Acquired techniques in design and layout of SOI, CMOS Analog and Mixed-Signal Integrated Circuits under supervision of Dr. Alan Mantoath, sponsored by JPL.

- *Temperature sensor* design and layout in Honeywell 0.35um MOI5 (SOI) Technology
- *1.25GHz/S Clock Data Recovery* in AMI C5N 0.5um Bulk CMOS through MOSIS
- *32 bit serial multiplier* in AMI C5N 0.5um Bulk CMOS through MOSIS

Undergraduate Research Assistant

Sunchon National University, Sunchon, South-Korea

March 1999-March 2000

Acquired techniques in design and layout of evaluation board with Intel micro controller and Altera FPGA under supervision of Dr Byungrock Cho sponsored by SW telecom.

TECHNICAL SKILLS

Computer OS – DOS, UNIX and Windows operating systems

Computer Programs – C/C++, Matlab, VHDL, VHDL-AMS, Motorola 68HC & Intel 8051 Assembly

CAD – Saber, Pspice, Cadence Design tool, Mentor Graphics, Xilinx Foundation Series, MAX+PLUSII

Test Bench – Spectrum analyzer, Digital Data Analyzer, Data Timing Generator, Oscilloscope, etc.

COURSE WORK

Analog IC Design

Advanced microcontroller design

Data Communications

Electronic I, II

Energy Conversion

Semiconductor Devices

VLSI Design Lab I, II

Modeling & Simulation of Mixed Signal Circuit

FPGA Lab

ACTIVITIES

Vice President of Department student association in Sunchon National University

College Christian student bible study leader

Military experience in The Korean army fifth division

REFERENCE ARE AVAILABEL UPON REQUEST