

Alex M. Milevsky

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Objective Seeking full time entry-level position in Computer Engineering with focus in digital hardware design

Education

Mississippi State University, Starkville, MS
Bachelor of Science, Computer Engineering
May 2003

- Eta Kappa Nu Electrical and Computer Engineering Honor Society
- Phi Kappa Phi National Honors Society
- Phi Theta Kappa Scholarship
- ChevronTexaco Scholarship Award
- President's List (3 semesters)
- Dean's List (2 semesters)
- 3.73/4.0 GPA

Hinds Community College, Raymond, MS
Associates of Arts, General Studies
May 1999

- Honors Program
- Honors Scholarship
- 3.9/4.0 GPA
- Host Committee (Honors Program)
- Varsity Baseball
- President's Scholar Award (3 semesters)
- Dean's List (1 semester)
- Who's Who Among American College Students
- The College Board Talent Roster Program Certificate of Academic Excellence

Experience

Computer Skills:

- VHDL
- VLSI
- Altera Max Plus II
- Basic
- C++
- Java
- HTML
- x86 Assembly
- SX Assembly
- PSPICE

School Projects

- Created a theremin as a senior design project. The theremin is an electronic musical instrument. The device was designed and implemented through a group effort. The device utilizes a PIC Microcontroller to sample the “square” type wave generated by the analog portion of the hardware. The sampled frequency is used to calculate the current pitch and volume of the current note being played. Concurrently the device sends MIDI messages to custom software on a PC. The PC software then analyzes the performance of the player.
- Created a multi-purpose pendulum clock. Together with a group, we designed and implemented a clock that utilized a Uvicom SX Microcontroller to control a swinging-arm based clock with LED’s displayed the time as it swung back in forth. Other devices were also polled using the I2C bus. These devices included a thermometer chip, a real time clock chip, a 2-line LCD, and a digital potentiometer used to control the contrast of the LCD.

Employment

December 2000 **ITS Help Desk, MS State, MS**

To Dec. 2002 Student Worker

- Assisted student and faculty with computer technical support
- Distributed site-license software to the MSU community
- Troubleshooting and maintaining Help Desk computers

June 2000 **Shook, Hardy, & Bacon, Kansas City, MO**

To August 2000 *Research Assistant*

- Researched case information

August 1998 **McLendon Library, Raymond, MS**

To May 1999 *Student Worker*

- Assisted students with reference material
- Aided Librarians

References Available upon request