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for full contact
information

Jason Nemeth

Education

The University of Cincinnati Cincinnati, OH

- Master of Science in Computer Engineering
- VLSI Research Group
- Began in September 2005
- Expect Graduation by March 2008
- Current GPA: 3.778 / 4.0

The University of Cincinnati Cincinnati, OH

- Bachelor of Science in Computer Engineering
- Minors in VLSI Design & Analysis and Math
- Graduated June 2005
- GPA: 3.289 / 4.0

Experience

General Electric Aircraft Engines Cincinnati, OH June 2004 – April 2006

Product Delivery Engineering Co-op:

- Planned hardware and software to replace aging and balance machine controllers with a reusable PC-based solution
- Created new software to interface with engine balance machines and traveled to implement the software at engine assembly plants
- Modified Air Force Technical Order software to allow for general application use across all current military engines

Product Delivery Engineering Co-op: Sept 2003 - March 2004

- Developed web interfaces for database-enabled software
- Created software to turn raw engine data into PowerPoint slides required for Air Force Technical Orders
- Migrated out-dated DOS programs to the Windows operating system
- Created software to automate previously manual tasks performed at engine assembly and balance

IT Co-op: Sept 2002 - March 2003

- Resolved RSA security problems on company laptops
- Helped users troubleshoot software problems in Microsoft Outlook, Word, Excel, PowerPoint, and proprietary systems
- Diagnosed defective hardware such as presentation projectors, wireless interface Devices, desktop and laptop computers
- Responsible for computer hardware repairs and upgrades including RAM, motherboard/CPU's, hard drives, LCD screens, and power supplies.

Computer Skills

Operating Systems:

Windows 95/98/ME/2000/XP, Mac OS X, Linux (Fedora, Redhat), Sun Solaris

Programming and Hardware Description Languages:

C, C++, VHDL, Basic, Java, Visual C++, Visual Basic, SPICE

VLSI Tools:

Simics, Symphony VHDL Simili, Alterra Quartus II FPGA Suite, Magic, HSpice