

# M. Adam Davis

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Objective Embedded systems development designing hardware and firmware.

Experience Rabbit Semiconductor Davis, CA 2005 - Present  
Hardware Engineer

- Project manager through complete design cycle for one released product
- Lead hardware engineer for three products
- Successfully designed a product to pass FCC, CE, and UL regulations
- Participated in RoHS switch-over – parts selection, replacement

Micro Basics Ypsilanti, MI 1991 - Present  
Owner, Consultant

- Operate a computer and embedded systems consulting business
- Designed a precision inclinometer for a small tool company
- Designed limited range thermometer
- Current projects include machine tools measuring systems, and Linux based GPS systems

Group 10 Entertainment Livonia, MI 2001 - 2005  
IT Manager

- Managed hardware and software installation, updates, and maintenance
- Reduced on site support to remote sites by 50%
- Proposed and implemented comprehensive virus policy
- Trained others in use of effective problem solving skills

Technical skills

Core skills  
Windows, Dos, Unix, Linux, BSD  
MS Office, MS Project, MS Access, Eclipse  
C, C++, Assembly, Visual Basic, PCad, KiCAD

Other skills  
OS X, Novell  
MATLAB, IAR Workbench, Eagle CAD  
Verilog, PHP, Perl, Java

Core Architectures  
Rabbit, ARM7, ARM9, PICMicro, MSP430, x86

Other Architectures  
AVR, M16C, PowerPC, MIPS

Education University of Michigan 2005

- B.S.E., Computer Engineering
- Major team projects in Embedded Systems, Operating Systems, Networks, Computer Architecture.
- 3.3/4.0 GPA – Cum Laude

Interests Long distance cycling, electronics, car repair, landscaping, home improvement