

Michael Mesolella

Transferable Skills

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| Related Courses of Study AC / DC Analog / Digital Electronics C / C++ Programming Microprocessors Analog / Digital Communications Controls Engineering Networking | Hardware & Equipment Oscilloscopes Function Generators Digital Multi-Meter Network Analyzer Spectrum Analyzer Logic Probe I / O Board PLC FPGA/ PLD/PIC32 Computers UART AC / DC Power Supplies | Electronic Software Autocad LabVIEW PIC32 MATLAB Agilent VEE WinCal MASM Xilinx Altera OrCAD Electronic Workbench Micro-Cap PLD Shell | Experience Building Circuits Troubleshooting Soldering Schematics Residential Wiring Website Design |
| Other Courses Written / Oral Communication Economics Personal Development courses Project Management | | | Other Software & Operating Systems Office Professional Linux DOS Windows Home, Pro & Server Microsoft IIS |

Education

Bachelors of Science Electronics Engineering Technology, DeVry University, Columbus, OH

- **GPA:** 3.24/4.0 (*while working about 30 hrs/wk*)
- **Accomplishments** - Over 500 Lab Hours; built Digital Thermometer

Employment History

Engineering Assistant, Xikota Devices, Waltham MA 1/2008 to 1/2010

- Developed Aglient VEE test software to reduce R&D time.
- Designed PCB drawings in Autocad.
- Assisted Engineers in troubleshooting, problem solving and assembling CMOS die/chip on board designs.
- Tested GSM PA in a R&D environment to obtain key specifications for new designs.
- Assembled miscellaneous components, chip capacitors and resistors onto PCB's.

Customer Support Technician II, MKS Inst., Rochester NY 10/2003 to 12/2007

- Evaluated incoming unit's problems, train new personnel and test High Power DC/RF Generators for the Semiconductor Industry
- Provided product support for Medical Amplifier (MRI) service department – product lead technician using LabView test software.
- Utilized Power Meters, Network Analyzers, Spectrum Analyzers, Oscilloscopes, and Digital Multi-Meters to diagnose and/or test failed equipment.

Faculty Assistant, Devry University, Columbus OH 11/2000 to 2/2003

- Obtained College Reading & Learning Association Certification
- Awarded Faculty Assistant & Grader of the term
- Graded students' work
- Provided general help for students and professors
- Assisted in lab questions, tutored college courses

Non-Profit Leadership

Amateur Radio Communications: Chili Soccer Tournament, March of Dimes Walk, Rochester Air Show and NYS Thruway Pumpkin Patrol