

Vince Bafetti

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PROFILE

Senior electronic systems design engineer with passion for inventive design, tactical approach to achieving goals, collaborative leadership style. Proven experience in project management, electronics and software design, manufacturing, technical communications and team building.

Core Competence

Electronic systems: analog, digital, FPGA design
Embedded systems & firmware
Schematic capture, PCB layout
Manufacturing program development

Technical Software

Protel, OrCAD, Viewlogic, Cadence
Visual C++, MATLAB
Metrowerks CodeWarrior
Illustrator, Photoshop, GoLive

EDUCATION

University of California at Berkeley

Bachelor of Science, Electrical Engineering and Computer Science

PROFESSIONAL EXPERIENCE

BRIDGEPOINT SYSTEMS, Oakland, CA

Senior Project Engineer, 2003-Present

Project management, firmware development, microcontroller system design, PCB layout. Managed development for smartcard-based physical access control product line sold to government customers. Developed electronics and firmware for card readers and access panels. Managed installations at US Army bases in the Southeast. Managed two technicians and two software contractors.

POWERTOUCH TECHNOLOGY, San Francisco, CA

Contract Electronic Design Engineer, 2003-2004

Audio amplifier design, electro-mechanical design, PCB layout.
Developed audio interface for PC-based Nextel radio dispatch system.

MOTO DEVELOPMENT GROUP, San Francisco, CA

Contract Electronic Design Engineer, 2002

Analog filter design, audio amplifier design, motor drive circuit design, PCB layout.
Developed two products for a client in the personal entertainment market.

BSQUARE SILICON VALLEY DIVISION (closed July 2002), Sunnyvale, CA

Senior Hardware Engineer, 2002

Designed electronics for handheld computer platform running WindowsCE on Intel XScale processors.

IRIDIGM DISPLAY CORP., San Francisco, CA

Senior System Electronics Engineer, 2001-2002

Power amplifier design, instrumentation amplifier design, FPGA design & simulation, power supply design, microcontroller development, Windows software development, mechanical design, PCB layout.
Developed electro-optical characterization system to support new display technology development.

DOLBY LABORATORIES, San Francisco, CA

Electronics Design Engineer, 1998-1999

Microprocessor systems design, digital audio I/O, Ethernet, FPGA design & simulation.
Led the development of the DP572 Dolby-E Decoder for digital television multi-channel audio.

CONNECTIX CORPORATION, San Mateo, CA

Hardware Engineer, 1995-1997

Microcontroller development, microprocessor systems design, amplifier design, Windows software development, USB development, mechanical design, manufacturing engineering.
Led USB interface development and manufacturing test program for QuickCam digital video camera.

RMS TECHNOLOGIES, NASA Goddard Space Flight Center, Greenbelt, MD

Hardware Engineer, 1993-1994

FPGA design & simulation, microprocessor system design, algorithm development, VxWorks software development, technical documentation.
Designed and simulated comparator card to test spacecraft data system.

For full details on each project, please visit www.vincetronics.com