

JOHN W. CHILDERS

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QUALIFICATIONS FOR PCB DESIGN and PRODUCT DEVELOPMENT

SUMMARY

Possesses eighteen years experience in Printed Circuit Board Design running a design service bureau, including product development and business-to-business sales. Knowledgeable in multiple technologies. Works well with team members. Commands proficient communication skills and can obtain cooperation from others. Quickly masters new software.

AREAS OF PCB LAYOUT and RELATED EXPERTISE

Fine-pitch surface mount	LVDS and Memory	Manufacturing Procurement
Transmission line routing	ECL, PECL, and LVPECL	Client Relations
Constraints-based placement and routing	Electronic Product Development	Sales / Marketing
Signal Integrity	Internet marketing	Total Quality Management
Differential impedance	Contract Negotiation	Sales Development
Analog, including RF to 6 GHz	Operations Management	Vendor Approval

CAREER ACHIEVEMENTS

- Started a business with a \$5,000 investment and made it successful.
- Built Internet marketing techniques into web site design and maintenance that generates a continuous flow of prospects.
- Obtained new business prospects and clients continually while providing existing clients with excellent service.
- Developed electronic products: Negotiated contracts; managed electrical engineers and contract manufacturing vendors.
- Developed new, more reliable methods in printed circuit design and established a training Web site to instruct others.
- Developed and simplified printed circuit design procedures, eliminating errors while speeding turnaround.
- Increased a mining and processing crew's production by \$250,000 per year.

PROFESSIONAL PROFILE

- Oversaw strategic planning, marketing, sales, production, quality control and customer service for an independently owned business.
- Developed electronic products from concept through electrical and mechanical engineering, CAD design and manufacturing.
- Learned HTML and designed an interactive web site geared for marketing result.: <http://www.GoldenGateGraphics.com>
- Supervised mining operations, repair of equipment and employees.
- Managed the marketing, sales and delivery of tutoring and other educational programs.
- Taught reading, communication and study skills to children of various ages.
- Assisted in mine planning, ore reserve studies and feasibility studies as an engineer.

EDUCATION

Bachelor of Science, Biology, Southern Colorado State College
Bachelor of Science, Mining, Colorado School of Mines

Have studied in many fields including sales, investing, Internet marketing, PCB design, electronics manufacturing and wealth management.

WILLING TO TRAVEL—REFERENCES AVAILABLE UPON REQUEST

WORK HISTORY

Owner	Golden Gate Graphics	1990—Present
Registered Representative	World Group Securities	2006—Present
Independent Designer	Golden Circuits	1987-1989
Foreman	Zephyr Rock and Lime	1986
Principal	Various Business Ventures	1983-1986
Foreman and Geologist	Mobil Chemical	1981-1983
Mining Engineer	John T. Boyd Company	1978-1981

PCB DESIGN SOFTWARE EXPERTISE

Created printed circuit board layouts, drafted schematics and mechanical drawings. Can quickly learn new software systems as demonstrated by the wide variety of CAD and CAM systems mastered. Currently using Altium Designer.

Altium Designer 6

PADS (now Mentor) Power
PCB

PADS Perform

Cadstar

PADS Power Logic

PADS Logic

Orcad Schematics

Protel DXP & 99SE

PCAD

Orcad PCB

ACCEL EDA

Accel Tango Schematics and PCB

Autocad