

# JOHN W. CHILDERS

Contact: <http://www.goldengategraphics.com/contactus.php>

## QUALIFICATIONS FOR PCB DESIGN and PRODUCT DEVELOPMENT

### SUMMARY

Possesses twenty-one 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.

### AREAS OF PCB LAYOUT and RELATED EXPERTISE

PCB Design using Altium Designer	Manufacturing Procurement with Total Quality Management	Fine-pitch surface mount, Transmission line routing, LVDS and Memory
More information on PCB Design Expertise is available at <a href="http://www.goldengategraphics.com/ee_intro.php">http://www.goldengategraphics.com/ee_intro.php</a>		Switching Power Supplies, Analog, including RF to 6 GHz
Electronic Product Development	Constraints-based placement and routing	ECL, PECL, and LVPECL
PHP and MySQL development	Internet marketing	Sales / Marketing
Differential impedance	Contract Negotiation	Sales Development
Client Relations	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 a business.
- Helped develop electronic products from concept through electrical and mechanical engineering, CAD design and manufacturing, finding ways to streamline the process from the viewpoint of PCB design.
- 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 Engineering, Colorado School of Mines  
Have studied in many fields including sales, investing, Internet marketing, PCB design and electronics manufacturing,

**WILLING TO TRAVEL—REFERENCES AVAILABLE UPON REQUEST**

## WORK HISTORY

Owner	Golden Gate Graphics	1990—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 and strongly recommned Altium Designer.**

Have used many other software packages and prefer Altium Designer to these:

PADS (now Mentor) Power PCB	PADS Power Logic	Cadstar
	PADS Logic	Orcad Schematics and PCB

## BUSINESS SOFTWARE EXPERTISE

Microsoft Office	Excel, Word, Outlook, PowerPoint and Publisher
OpenOffice.org	Calc and Writer
Quickbooks Pro	
Adobe Acrobat	