Robert Smith

PCB Designer/Specialist

CONTACT DETAILS

1737 Marshville Road,
Alabama
(123)-456-7899
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SKILLS

Allegro,contraint Manager,high Speed, DDR,Serdes,crosstalk.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference – 1 (Company Name)
Reference – 2 (Company Name)

PERSONAL STATEMENT

To obtain a dynamic PCB design position using years of industry experience, while providing your company with an energetic, mission driven team player.

WORK EXPERIENCE

PCB Designer/Specialist

CID - 2008 – 2020

Responsibilities:

- Able to communicate effectively with engineering team members.
- Responsible for specification compliance, schedules, and final quality.
- Used Cadence Allegro board layout software.
- Printed Circuit Board layout using FR-4 material, up to 10 layers, from .5 to 2 ounce copper with board thickness of .031 to .062 inches.
- Received DXF files from mechanical engineers to define board outline.
- Exported EMN and EMP files to model in PRO-E.
- Exported gerber files for board house fabrication.

PCB Designer

Delta Corporation - 2014 – 2015

Responsibilities:

- Included Laid out boards using FR-4 and Rogers core material, up to 6 layers, from .5 to 2 ounce copper with board thickness of .031 to .062 inches.
- Some RF boards have controlled impedance traces in which the signal integrity is calculated and maintained through trace width and layer stack up.
- Also routed differential pairs.
- Designed power supply boards carrying high amps, calculating and maintaining trace width to handle the desired amps.
- Generated fabrication and assembly drawings for documentation control.
- Interfaced with project team, provided design support and participated in design reviews at both schematic and board levels.
- Received DXF files from Solidworks for mechanical board outline.

Education

Education Series - (ACCEL Learning Center - Tallahassee, FL)

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