

Rick Smerglia

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Education

University of Akron, Akron, Ohio

August '09 - May '14

- Bachelor of Science, Electrical Engineering

Experience

SilkPCB Design Services, LLC, PCB Designer/Owner

March '17 – Present

- Support Mentor Graphics PADS Layout, Altium, and Eagle PCB design packages.
- Creation and maintenance of all electrical and mechanical components.
- Part creation and library maintenance support.
- Support for schematic capture through Dx Designer, Altium, and Eagle.
- Capabilities with 3-D modeling software for mechanical support.
- Follow IPC standards for footprint creation.
- Ability to work on site if practical and necessary.

Valtronic Technologies, PCB Designer/Layout Engineer

Nov '17 – March '21

- Proficient in Altium Designer.
- Creation and maintenance of all electrical and mechanical components.
- Schematic capture, PCB design and layout.
- Involved in many projects from conception through prototyping stage.
- Mostly medical industry applications.

Avid Technologies, PCB Designer

August '16 – March '17

- Became proficient with Cadence Allegro, PADS, and Xpedition PCB design software.
- Responsible for creation and maintenance of all electrical and mechanical components.
- Involved in many projects from conception through prototyping stage.
- Responsible for creation of all schematic capture using various programs.
- Used 3-D modeling software for mechanical support.
- Followed IPC standards for footprint creation.

Altronic, PCB Design Engineer

September '14 – August '16

- Primarily use Mentor Graphics schematic capture and Xpedition board design software.
- Responsible for creation and maintenance of all electrical and mechanical components.
- Involved in many projects from conception through prototyping stage.
- Responsible for creation of all schematics completed in xDx Designer.
- Use xPCB layout for new board designs.
- Maintain all existing board designs in PADS PCB layout tool.