

SKILL OVERVIEW, AND CONTACT INFORMATION REGARDING:

# PAUL D. SPOONER

## PROFESSIONAL MECHANICAL ENGINEER

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**Who I AM** (Other than the can-do attitude and being easy to work with)

### Tooling Focused

I specialize in designing, fabricating, and perfecting tools to make your life easier. I'm equally comfortable developing hardware and software, virtual models, automation, and hand tools.

### World Weary

I feel comfortable at any scale or scope, from micro-electronics to building infrastructure. I've completed robots the size of a house that put together Boeing aircraft, performance-critical code for Minecraft, a science fiction novel, and I've explored a deserted tropical island surrounded by an impassible reef. Your needs are not going to startle or worry me. Every challenge is solvable with enough foresight, which I happen to have picked up along the way.

### Flexible

I can also do all the other stuff. Cad, machining, testing, documentation, assembly, janitorial, or just sitting in meetings to make the visiting VIP feel important.

## What I COST

### On Site: \$115/hr

I come to your site, solve your problems, and work on your projects in person.  
I can bring my own tools, or use yours.

### Remote: \$85/hr

I work on your stuff over the internet. I can use my own software tools, or remote into your system and use your hardware. Limited to advice, design, and administration.

### Minimum Contract: \$450

## Proven SKILLS

I've included summaries of the work I've done below. **For my full resume**, visit: [http://peripheralarbor.com/Resume\\_Spooner.pdf](http://peripheralarbor.com/Resume_Spooner.pdf)

### Computer:

Python, Java, C++  
Solidworks  
AutoCAD  
MS Office  
Inventor  
Blender  
Matlab  
ANSYS  
Google  
CATIA  
Revit

### Design:

**Hardware –**  
Aircraft Assembly Automation  
Part Handling Automation  
Injection Molding  
Diebonders  
**Software -**  
CAD, Web-development  
3D Modeling and Animation  
Conventional and Procedural  
**System –** N-axis automation, Sheet metal, Piping, and Duct

### Fabrication:

**Machine Tools - (basically all of them)**  
lathe (wood and metal), mill, press, shear, mag-drill, saw (band, chop, table)  
**Rapid Prototype -**  
Sintered plastic, lost wax, sintered powdered metal, extruded filament  
**Construction -**  
stone and block masonry, thin-wall ferro-cement, truss-frame, tab-and-slot welded plate, excavation  
**Welding -**  
wire-feed (mig), stick, tig (Tungsten torch gas sheilded arc)

## Contact Me TODAY

EMAIL ME AT: [MRPAULSPOONER@GMAIL.COM](mailto:MRPAULSPOONER@GMAIL.COM) OR CALL (805) 910-5814 FOR A FREE CONSULTATION.