PAUL D. SPOONER

PROFESSIONAL MECHANICAL ENGINEER

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I WORKED ON MINECRAFT

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 **house-sized robots** that put together Boeing aircraft, performance-critical code for making **trees in 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.

Flexible

I can also do all the other stuff. Cad, 3d print design, animation, 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

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

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), grinder, buffing wheel
Rapid Prototype -
Sintered (plastic, metal), extruded filament, lost wax cast
Construction -
stone and block masonry, thin-wall ferro-cement, truss-frame, tab-and-slot plate, excavation, wood frame
Welding -
wire-feed (mig), stick, tig (Tungsten torch gas sheilded arc)

Contact Me TODAY

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