



MAKER JOBS

WHAT IS A MAKER ?

If someone wants something built, they come to you. Whether it's following a blueprint or finding materials that make products last longer, makers enjoy critical thinking and have excellent math skills. Oh and physical labor? Bring it.

JOB TYPES * (SEE MORE BELOW)

FABRICATOR **SHIPWRIGHT** **WELDER** **BLACKSMITH** **STONEMASON** **LUTHIER** **CONSTRUCTION MANAGER**

WHAT WILL I DO?

FABRICATOR Using blueprints as your guide, you will build and assemble individual pieces into a fully functioning product. Your job is to make sure that the products you create are safe and work at their highest ability using an understanding of manufacturing technologies.

SHIPWRIGHT Boats and ships are used by humans all over the world to explore the ocean, and as a Shipwright, you'll be the one building them. Constructing a ship from the inside out gives you a unique perspective of how each part works, which will make you helpful when there is damage or an issue that needs to be fixed quickly.

WELDER As a welder, you will be in charge of connecting important metal pieces onto launch vehicles. You'll need to be sure each piece will fit and that everything is properly welded into place and is of the highest quality. Be careful, if you get too close you could get burned.
Note: underwater welders can make over \$120,000 annually.

BLACKSMITH When people think of Blacksmiths, they probably picture something from the Renaissance era, but Blacksmiths still work today. Blacksmiths repair heavy machinery, parts for motor vehicles, and assemble structures like fire escapes. You'll be working closely with heat, using fire to forge products out of iron, steel, and brass. Make sure you have a steady hand and understanding of the craft.

STONEMASON Stonemason may sound like a word used to describe a job performed hundreds of years ago, but their jobs are very important to our modern infrastructure. Stonemasons build walkways, piers, walls, and tanks all using - you guessed it - stone and brick. You'll need to know your way around a power tool and be comfortable working with heavy materials. And maybe stop by the gym, as climbing and lifting will be huge parts of your everyday work.

LUTHIER Luthiers build and repair string instruments like guitars, ukuleles, and violins. You will need to be a master at woodworking and patience as you mold the body of the instrument from its frets to its fingerboards. Each step takes a careful hand - this is a craft, after all. You might be creating an entirely new instrument or breathing life back into a very old one.

CONSTRUCTION MANAGER As a Construction Manager, you're in charge of the whole shebang. Every piece of equipment, every ounce of material, and every worker that enters the construction site is under your supervision. Whether you got here with a degree in engineering or simply worked your way up the chain of command by being just that good, being an efficient leader with an eye for planning is key.

SALARY **\$30,080** **\$36,500** **\$38,150** **\$45,045** **\$50,868** **\$52,000** **\$75,472**

WILL I ENJOY IT?

FABRICATOR You know how every piece of your laptop works because you've disassembled and reassembled it about 40 times.

SHIPWRIGHT You're a master Lego builder and have made everything from an exact replica of the Eiffel Tower to a life-size Bigfoot.

WELDER You took a car you found in the junkyard and turned it into the sweetest ride in your high school parking lot.

BLACKSMITH You frequently were found bending and melting paper clips and other common metals to create handmade jewelry for your friends and family. They were so intricate, people often suggested you start selling them.

STONEMASON If you noticed the sidewalk was falling apart in front of your house and just fixed it yourself using household items, this job is for you.

LUTHIER You've repaired your little brother's guitar more times than you can count.

CONSTRUCTION MANAGER You built entire Lego cities as a kid, using your friends, siblings, cousins, or whoever was around to carry out your carefully crafted plans.

WHERE CAN I TRAIN OR LEARN?

FABRICATOR Apprenticeship
Technical school
On-the-job training

SHIPWRIGHT The Shipbuilding Program of the US Maritime Commission
On-the-job training

WELDER Hobart Institute of Welding Technology
Albany Technical College
Southwestern Illinois College

BLACKSMITH Austin Community College
Massachusetts College of Art
Sheridan College

STONEMASON High school diploma or equivalent
Apprenticeship

LUTHIER Typically, Luthiers learn their trade through apprenticeships

CONSTRUCTION MANAGER Many Construction Managers work their way up from being Construction Workers

WHERE CAN I WORK?

FABRICATOR Aerotek
Spherion
ICOSA Design, LLC

SHIPWRIGHT U.S. Pacific Fleet
Tradesmen International, Inc
Dana Point Shipyard

WELDER Aerotek
NASA
BOEING

BLACKSMITH Peerless Industrial Group
New York City DOT
City of Overland Park, KS

STONEMASON The Durable Restoration Company
Virginia Tech
Sorrel River Ranch Resort

LUTHIER Johnson String Instrument
Santa Cruz Guitar Company
Baroque Violin Shop

CONSTRUCTION MANAGER Turner Construction
AECOM
PCL Construction Enterprises

* OTHER POSSIBLE MAKER JOBS: Bricklayer, Carpenter, Glassblower, Cobbler, Seamstress, Model Maker.

Find out what STEAM type you are.

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