Jason Nenniger

CONTACT INFORMATION

PHONE:	1-403-816-3304	WEBSITE:	http://jasonnenniger.github.io/Webpage/
EMAIL:	jasonnenniger@gmail.com	GITHUB:	www.github.com/jasonnenniger

SKILLS

MACHINE SKILLS: 3D Printer, Laser Cutter, CNC machine, Table Saw, Router, Band Saw, most power tools
DESIGN SKILLS: AutoCAD, Autodesk Inventor, Google SketchUp, Fritzing (printed circuit boards), Fusion 360
COMPUTER SKILLS: C++, Python, LISP, Arduino, Raspberry Pi, Sensors, Git, HTML

RELEVANT EXPERIENCE AND PROJECTS

JANUARY-DECEMBER 2016 (second and third co-op work terms)

Haptics Design http://JasonNenniger.github.io
Designed and built an armband to test the ability of study participants to detect a strap tightening and loosening.
Tools: 3D printer, soldering iron, AutozCAD, Arduino, Bluetooth, Servos

JANUARY-APRIL 2015 (first co-op work term)

Western Canadian Robotics Society http://JasonNenniger.github.io
Designed and built interactive museum display consisting of an omni-directional line-follower, spatula-bot, and xylophone.
Tools: C++, Arduino, Sensors, Laser Cutter, Woodworking, Signage

MAY-DECEMBER 2013 (part-time job)

Road Runner Furniture and Shutters http://JasonNenniger.github.io
Wrote AutoCad LISP programs with user interface to control CNC machine used to manufacture arched shutters.
Tools: AutoCad, LISP

OCTOBER 2012-PRESENT

Proto Space Member and Volunteer http://JasonNenniger.github.io
Proto-Space is a Calgary-based makers group. Learned how to operate and maintain a laser cutter. Built custom-designed work tables for electronics projects. Worked as handyman in Repair Café events.
Tools: Laser Cutter, AutoCad, Hand Tools, Trouble-shooting

OCTOBER 2010-MARCH 2012

Woodworking Shop http://JasonNenniger.github.io
Designed and built a home-based woodworking shop, including framing, wiring (120 and 240V), lighting, epoxy flooring, drywall, panelling, and dust collection system. Obtained all necessary permits and scheduled inspections. Built a router table, cabinets, and shelving. Completed many woodworking projects including some custom jobs for clients.
Tools: Electrical wiring, Table Saw, Router, Hand Tools, Permits and Regulations

EDUCATION

Alberta High School Graduate

SCHOLARSHIPS

- Colonel Hugh Heasley Scholarship (University of Waterloo)
- Rutherford Scholarship (Government of Alberta)

INTERESTS AND ACTIVITIES

Robotics, High-powered Rocketry, Anything Space-related, Ice Hockey and Refereeing, Rock-climbing, Canoeing