

NATHANAEL SCHEFFLER

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EXPERIENCE

Perkins&Will, Toronto ON
Intern Architect (Full Time) 02.2023 - Current

Production of intricate physical models, digital BIM and render models, and architectural drawing sets. Integration of new print systems in the workshop for higher quality output.

Nomitech Inc, Waterloo ON
Designer / Fabricator (Contract) 09.2018 - Current

Custom design and fabrication of packaging and specialized quality control parts and equipment, used in the food and beverage industry. Projects include test cans, protective packaging, and machine components. All designed to meet client specifications and fabricated using 3D printed ABS, lasercut stainless steel, and other materials.

PHYDGT, Waterloo ON
Owner / Designer 2021 - Current

Imagined, produced and crowdfunded a series of stainless steel combs. Currently in the process of creating an online shop and expanding the range of items offered.

BOKO Studio, New Hamburg ON
Designer / Maker (Part-Time) 03.2021 - 12.2022

Design, construction, welding, and assembly of parts using wood, metal, and plastics. Utilizing TIG and MIG welders, general workshop equipment, SLA and FDM 3D printers, and a large CNC router. Projects included storefronts, art installations, interactive exhibits, and electronics. Utilizing tools like Arduino to make artwork more active and to build custom equipment.

University of Waterloo / Philip Beesley / Maya Przyblski
Research / Teaching Assistant (Contract) 01.2020 - 07.2020

Worked as part of Philip Beesley's team for the installation of a public sculpture in the Tapestry Hall in Cambridge ON, and then assisted Maya Przyblski as a teaching assistant for the ARCH 193 studio.

LASG / Philip Beesley Architecture Inc, Toronto ON
Design Intern Co-op 01.2018 - 08.2018

Designed, fabricated, tested and installed interactive art installations as part of a collaborative team of designers and engineers. Worked with 3d printing, glassware, electronics, stainless steel, acrylic, and laser cutters. Organized volunteer cohorts of 15+ people for public participation, sourced parts, created prototypes, and helped modify and produce components for fashion designer Iris Van Herpen.

Studio Vincent Eschaliere, Paris France 05.2017 - 09.2017
Stuart Howard Architects Inc, Vancouver BC 09.2016 - 12.2016
SUMO Project, Toronto ON 01.2016 - 04.2016
John Willmott Architect Inc, Oakville ON 07.2013 - 08.2013
Various Architecture and Design Co-ops

Gears Bike Shop, Oakville ON
Sales, Service, and General Maintenance 03.2011 - 09.2015

EDUCATION

University of Waterloo
Master's of Architecture 05.2021
Bachelor's of Architecture 09.2019

Conestoga College 09.2018 - 12.2018
SMAW and TIG Welding Courses

SKILLSET - DESIGN

Sketching, prototyping, Rhino 3D, Adobe Creative Suite, Sketchup, AutoCAD, Fusion 360, Cura, PrusaSlicer, Bambu Studio, PreForm

SKILLSET - FABRICATION

TIG welding, MIG welding, SMAW, CNC router programming, laser cutting, manual metal lathe, wood turning, metal casting, 3D printing, construction

SKILLSET - SOFT

Collaboration, creative problem solving, learning, adapting, effectively communicating, innovating, identifying potential opportunities

AWARDS

2020 Interior Design Magazine: Student Award
"Twisted Brick" in collaboration with Kelsey Dawson and Mia Milanovic

2017 Steel Structures Education Foundation: Award of Excellence
in collaboration with Ien Booden and Bennett Oh

2017 Nuite Blanche: Independent Project
"Porta-Party" in collaboration with Justin Ng, Eric Oh, and others

2016 SBE Seoul Ideas Competition: 3rd Place Winner
in collaboration with Marco Chow, Phillipe Fournier, and Ethan Schwartz

ACTIVITIES

Music, crochet, repair, building lamps, art, renovations, rock climbing, cycling, motorcycling, and making good stuff.