

Robert Iain Ferguson

Design grounded in cross-disciplinary and cross-cultural thinking for inclusive, equitable and sustainable environments at all scales.

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10-1066 Tower Road, Halifax, Nova Scotia, Canada

Skills

Computational design, drawing, making

ArcGIS, Grasshopper, Dynamo, Python, HTML/CSS/JavaScript, Revit, Rhino3D, AutoCAD, SketchUp, Adobe Illustrator, Photoshop, InDesign, AfterEffects, Premiere Pro, 3D printing, laser cutting, casting, basic woodworking, watercolor composition

Academic

B. Environmental Design / Honours with Distinction, GPA 4.20 out of 4.33

University of British Columbia (2018-2020)

2020 Graduation Award for Academic Excellence

2019 Trek Excellence Scholarship for Continuing Students (top 5% of year, faculty, school)

2019 Go Global Award for nomination to UBC Study Abroad travel program

Mechanical Engineering / GPA 3.86 out of 4.00

McGill University (2016-2018, studies led to B. Environmental Design at UBC)

2018 Top 15% in department

2017 Tomlinson Engagement Award for Mentoring in Physics

2016 Engineering Undergraduate Society Junior Council Vice President

2016 Rossy Leader Major Entrance Scholarship for Academic Excellence

Professional

IBI Group Architects / Vancouver, BC and Halifax, NS

Computational Designer, Quantum Team (16 months, ongoing)

2020 Application of advanced computational design and analysis to regional, urban and architectural projects across North America. Additional experience in GIS, presentation, graphic design, project reports, technical drawing, rendering.

Bearmark Design / Vancouver, BC

Landscape Construction

2020 Hands-on construction, landscaping, planting experience on residential landscape design-build projects.

Parks Canada / Banff National Park, AB

Construction Management (2018-2019)

2018 Project management support on remote sites in the Canadian Rockies, ecological restoration fieldwork, groundwater testing, GPS-aided asset inventory, building safety protocol implementation, staff accommodation design.

Visitor Experience

2017 Customer service and wilderness safety training in French and English, site maintenance at Lake Louise Campground, Alberta.

Travel

Czechia, Austria, Slovenia

2019 UBC Study Abroad course exploring movements and themes in architecture: Classicism, Vienna Secession, Red Vienna, Cubism, early Modernism, de-building, cooperative social housing and acupuncture architecture.

USA, Canada, UK, Germany

2021 Vancouver, BC to Halifax, NS by road

2019 London, Newcastle, Dundee, Glasgow, Edinburgh, Berlin

2015 Montreal, QC to Calgary, AB, by road, via the American Midwest

2015 Quebec City, QC / EXPLORE French Immersion summer program