

HERMAN LAU

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WWW.SPECTRALCALM.COM

*My work integrates people and mindsets – exploring narratives, encouraging expression, arranging projects.
Hybrid thinker drawing across multiple disciplines to engage with ambiguous problems.*

SKILLS

PROJECT LEADERSHIP

Led teams assembled for multidisciplinary design work (planners, engineers, and landscape architects). Coordinated for project delivery through the process of plan, design, build, and maintain; worked to the approval of various clients and government agencies. Trained in estimating and working with unknowns.

Managed small and large scale projects, including phases of the Founders' Walk, Heritage Sites, Healing Garden, and Stormwater Level of Service Upgrades in St. Albert, AB, and the Downtown Revitalization in Fort Saskatchewan, AB.

ENGINEERING DESIGN

Drafted and reviewed technical drawings for design and construction of land development and municipal rehabilitation projects. Designed infrastructure projects throughout Alberta and British Columbia involving grading, roads, sewers, watermains, stormwater management facilities, and site servicing. Educated on thought processes using logical, methodical, and iterative methods from concept to deliverable.

COMMUNICATION AND CONTRACT ADMINISTRATION

Clear and creative written, visual, and oral communication required in multiple roles. Well-versed in professional and technical written communications, correspondence, and file keeping.

Familiarized with contract processes and administration (construction, consulting, and freelancing contracts). Worked with clients, contractors, site inspectors, and other stakeholders for quality assurance and construction completion.

EXPERTISE

Municipal Engineering
Neighbourhood
Development
Downtown Revitalization

EXPERIENCE

CITY OF EDMONTON –
SUSTAINABLE DEVELOPMENT
May 2016–April 2017
Project Engineer
Edmonton, AB

URBAN SYSTEMS LTD.
Sept 2003–Apr 2016
Consultant
Edmonton, AB

FREELANCE WORK
Sept 2003–present
Illustrator / Art Instructor
Edmonton, AB

FREELANCE WORK
Sept 2008–present
Martial Arts and Movement
Instructor / Performer
Edmonton, AB

CITY OF EDMONTON –
CITIZEN SERVICES
Aug 2013–present
Kickboxing Instructor /
Program Specialist
Edmonton, AB

EDUCATION

BSc in Civil Engineering (Co-op), P.Eng.
University of Alberta, Edmonton, AB, 2003

FACILITATION AND IDEATION

Guided creative process of generating, developing, and communicating new ideas. Facilitated visualization of themes and mission for clients. Conducted coaching exercises and guidance for teammates (familiar with tools such as Myers-Briggs Type Indicator assessment). Completed a year-long course of leadership coaching sessions with Thinking Partners.

INSTRUCTION

Taught a variety of classes for different sized groups, age ranges and skill levels, including a specialization in child and youth programs (ages 6-12). Subjects included general arts and crafts, illustration, and martial arts. (Valid driver's license, First Aid Certification, and police services background checks were occupational requirements.) Interpersonal skills tested on the spot in an assortment of situations.

VISUAL ARTS

Created illustrations for books (hardcopy and digital), editorials (magazine/website articles), promotional and visual branding, comics/sequential art, concept art (video games, toys), storyboarding (choreography, instruction), with an emphasis on combining pictures with text for storytelling and enhancement of experience (portfolio available online at spectralcalm.com).

FREELANCER

Problem solved with clients to determine needs and restrictions, worked with detailed descriptions and requirements, managed deadlines and multitasking concurrent projects, and adapted to continuous learning and research. Developed needed business comprehension (accounting, marketing, and networking). Skills applied in both illustration work and various instructor roles.

ADDITIONAL PROFICIENCIES

COMPUTER SKILLS

Proficient computer literacy required for various roles, including word processing, spreadsheet tabulations, slideshow presentation, email and internet applications, and social media coordination.

In computer graphics, most experienced with Corel Graphics Suite and AutoCAD, and readily able to take up other graphics software and applications.

PHYSICAL TRAINING

Over 25 years martial arts experience (specializing in Chinese martial arts, kickboxing, boxing, and *Muay Thai*). Employed skills for instruction, performance, and choreography. Once competed at a national level (1997 Canadian Wushu Competition in Edmonton, AB). Trained and taught at several schools and gyms in the local martial arts community.

Cross-trained in ballet and circus skills (aerial silks). Performed with dance studio group, introduced to the local performing arts community.

VOLUNTEER ACTIVITIES

URBAN SYSTEMS FOUNDATION

Served on the board of directors of the Urban Systems Foundation charitable organization. Focused on opportunities to enhance community well-being through building human capacity.

Through the Urban Systems Foundation, connected and participated with non-profit organizations such as iHuman, Engage North, and the Mustard Seed on different initiatives.

E4C

Volunteered as an ArtStart instructor for several years, running after school art classes for kids from low income families. Also coordinated camp workshops. Arts and crafts project syllabuses were conceived, planned, and taught to children ages 6-15 at different school locations.