

# ALLAN JOHNSTON

2917 29 Avenue South, Lethbridge, AB – T1K 6S8  
mobile: +1-403-915-8681 – email: allanesl@yahoo.ca – web: allansplace.net

## BACKGROUND

---

- Graduate of Engineering Design & Drafting Technology Lethbridge College (2018) with ASET *T.T.* (Technologist in Training) designation
- Seeking a position in Civil Design, Drafting, & Engineering
- Continue to practise skills learned and am eager to gain more skills in a professional environment
- Formerly English as a Second Language Instructor – South Korea, Canada

## PROFESSIONAL INTERESTS

---

- Civil Engineering, Planning, & Design
- Commercial & Residential Architectural Design, Engineering, & Drafting
- Environmental systems & energy conservation
- Logistic & technology related solutions

## SKILLS

---

- **Architectural Design & Drafting** – software: Revit (2015~17), AutoCAD, Civil 3D, SketchUp
  - Commercial & Residential Design
  - Site, Floor, Reflected Ceiling plans
  - Detail, Section, Elevation drawings
  - Preliminary & Working Drawings
  - Foundation, Structure, Load design
  - Kitchen, Stairway, Washroom design
  - Legends, Schedules, Finishes
  - Alberta Building Code / MasterFormat
  - Access / Barrier-free design
  - Conservation, Energy Loss, Environmental, Green design
  - ASHRAE, HOT2000, RETScreen
  - Renderings
  - Revit Families
- **Civil Design & Drafting** – software: AutoCAD, Civil 3D, ArcGIS ArcMap
  - Urban / Municipal planning & design
  - Real Property Reports
  - Universal Design
  - Plot Plans
  - Storm & Sanitary Sewer design
  - Drainage, Contours, Reliefs
  - Earthworks
  - Survey applications
  - Remote Sensing
  - Topographical Mapping
  - Cost / Benefit Analyses
- **Computer Systems**
  - Windows Server NT~2012; IIS-6, 7.5; Active Directory; OWA; SQL; PHP; Exchange; WebDAV; FPSE; SharePoint; Linux servers & clients; HWP; Windows XP~10
  - Microsoft Office XP~2017 (Word, Excel, PowerPoint, Project, Visio, Outlook, Publisher,
  - Website design & administration (FrontPage, Moodle, Joomla!, WordPress, WebMatrix)
- **Instructor & Teaching Assistant**
  - Taught ESL, mainstream English, & full curriculum to K~9 students overseas
  - Taught business & conversation spoken & written English to adults
  - Editor & proofreader for English academies' curricula, instructors, & students
  - Created & maintained server & websites to furnish online ESL studies
  - Administered four satellite (franchise) classrooms
  - Assisted instructors as TA, curriculum developer, PA, tutor, substitute instructor
  - Created paper-based lessons, worksheets, presentations
  - Integrated tech into classrooms (file system; PowerPoint; eBeam; Google Maps, Street View; etc.)
  - Assisted students with resume, job search, personal skills, communication
- **Geographic / Geomatic Information Systems**
  - Cartography
  - Spatial & Non-spatial Data Analysis
  - Vectors & Scalars
  - Database Operations

- Data creation, manipulation, & Analysis
- Site Suitability Analysis
- Proximity Analysis
- Digital & Hard Copy Maps & Drawings
- **Management** – software: MS Word, Project, PowerPoint, Visio, Excel, Money
  - Contracts, clauses, legal, tort
  - Tender, bid, financial, budget
  - Health, safety
  - Teamwork, communication
  - Scheduling, time management, project management
  - Statistics, analyses
- **Mechanical Design & Drafting** – software: AutoCAD, Civil 3D, Inventor
  - Design Process
  - 2D & 3D Drawings, Assemblies, Models, Presentations
  - Geometric Dimensioning & Tolerancing
  - Pictorial, Section, Auxiliary views
  - Gears, shafts, keys, couplings, bearings
  - Bill of Materials & related documentation
  - Hand & automated calculations
  - Bolts, threads, fasteners, welds
  - Offset, Revolved, Removed, Aligned Sections
- **Research**
  - Universal design (2018)
  - Bamboo as a viable alternative to steel reinforcement in concrete (2017~18)
  - Ground source heat (2017~18)
  - Building material comparison (2017)
  - In-floor heating (2016)
- **Vessel & Piping Design** – software: AutoCAD, Civil 3D, CADWorx, Excel
  - Vessel calculations & design
  - Piping sizing & placement
  - P&ID, PFD, & Spool
  - Instrumentation
  - Piping, Fittings, & Welds
  - Refrigeration & Amine systems design

## EDUCATION

---

- Engineering Design & Drafting Technology Sept. 2015
  - Lethbridge College – Lethbridge, AB ~ April 2018
- Computer Information Technologies Sept. 2002
  - Lethbridge College – Lethbridge, AB ~ April 2003
- Lethbridge Colligate Institute – diploma received 1996
  - Grade 12 diploma

## EMPLOYMENT

---

- Self-employed English tutor – Lethbridge, AB June 2012
  - Tutored Lethbridge College students & immigrants in speaking & writing ~ Sept. 2018
- Flexibility Learning Systems Ltd. – Lethbridge, AB Oct. 2011
  - LINK Assistant; English For Work Assistant ~ June 2017
  - Helped newcomers to Canada with English, culture, employment
- Self-employed English tutor – Seoul & Ilsan, South Korea July 1998
  - Taught ESL, mainstream English, & full curriculum to K~9 students ~ May 2011
  - Taught business & conversation spoken & written English to adults
  - Created & maintained server & websites to furnish online ESL studies

## ACCOMPLISHMENTS

---

- ASET Capstone Project of the Year 2018 winning team for Lethbridge College
- Emergency First Aid Level A (2001 Protocol) – St. John Ambulance, Feb. 2012

## INTERESTS & HOBBIES

---

- Civil / Municipal – strong interest in city infrastructures, transportation flow, green health, safety, & community
- Architectural – designed, renovated, & built various residential & RV projects in Revit, SketchUp, Inventor, & AutoCAD
- Cycling – toured Asia, UK, & Canada by bicycle
- Travel – enjoy cultures, languages, & foods of foreign places
- Computer – built servers, created websites for self (business & personal) & others

## VOLUNTEER

---

- CANstruction – Lethbridge, AB Jan.
  - helped design & build Lethbridge College display at Centre Village Mall ~ Mar. 2018
- Highway Cleanup – Lethbridge, AB 2015
  - cleaned section of highway with church members ~ 2016
- Group tutor – Seoul & Ilsan, South Korea 2004
  - provided weekly & monthly English tutoring to low-income families ~ 2012

## PORTFOLIO

---

Please see portfolio samples at <http://allansplace.net/> (a work in progress, updated frequently)

## REFERENCES & TRANSCRIPTS

---

Available upon request.

