

# Zanib Wajahat Pannu

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## OBJECTIVE

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- 12 months of diverse construction experience ranging from QA/QC, field engineering, and project coordination
- Passionate about sustainable urban planning, building resilient communities through infrastructure, and business development
- Familiar with Civil 3D, AutoCAD, Synchro, ArcGIS, WaterGEMS, SewerGEMS, StormCAD, and SWMM

## EDUCATION

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University of Alberta | Bachelor of Science in Civil Engineering 2021 - 2025

- Key electives: transportation, municipal systems, project management
- 1st place in UAlberta ITE Student Chapter Capstone Presentation Competition for project 'Enhancing Active Transportation at the 109 Street and Saskatchewan Drive Intersection'

## ENGINEERING EXPERIENCE

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Bird Construction | **QA/QC Student** May 2024 - August 2024

- Worked onsite at the BHP Jansen Potash Mine project with the Bird Construction QA/QC team
- Gained adequacy in interpreting and applying concrete and rebar specifications
- Attended several rebar and concrete inspections and gained exposure to foundation construction
- Improved technical knowledge by completing various concrete quality reports and RFIs
- Exhibited effective teamwork skills by regularly coordinating information with subcontractors, trades staff, and QA/QC team

PCL Construction | **Field Engineering Student** May 2023 - August 2023

- Worked onsite at the CN Overpass project, gaining exposure to earthworks, roadway construction, and MSE wall construction
- Conducted daily site inspections to collect data, monitor progress, and check for quality issues
- Collaborated with trade staff, consultants, and project managers to coordinate project details, improving teamwork and communication skills across disciplines
- Examined material testing reports and specifications to draft RFIs and submittals
- Assisted in drafting bridge deck paving plans and monthly progress reports, strengthening technical writing and communication skills
- Developed proficiency in Excel, Bluebeam, and StructionSite by redlining drawings, reviewing cost estimates, and tracking site progress

PME/EllisDon Industrial | **Summer Student** May 2022 - August 2022

- Coordinated mobilization of equipment and materials to work sites in a time and cost efficient manner; dealt with purchase orders and procurement

- Helped assembled deliverables for the PAR (Progressive Aboriginal Relations) certification proposal and gained insight on culturally responsive infrastructure planning
- Reviewed and assessed quotes, specifications, and project schedules
- Assisted in production of a project proposal (interacted with bidders, performed document control on bid day, and helped to draft proposal components)

## ADDITIONAL EXPERIENCE

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### Transportation Technology Tournament | **Runner-Up** May 2025

- Entered competition hosted by the National Operations Centre of Excellence and developed a proactive solution to reduce vehicle-pedestrian collisions during fan marches at the 2026 World Cup
- Exercised engineering judgment, research abilities, safety prioritization, and problem-solving skills

### Money Mentors Alberta | **Youth Presenter** September 2023 - April 2024

- Delivered engaging financial literacy presentations to youth ages 5–18 in school settings, fostering early financial awareness and enhancing public speaking and educational outreach skills

### Millennium STEM Alberta | **Outreach Director** May 2018 - January 2024

- Coordinated diverse career exploration initiatives for high school and university students, strengthening skills in event planning, stakeholder communication, and youth engagement

### Boys and Girls Club | **Volunteer Mentor** March 2017 - January 2022

- Facilitated a variety of afterschool programs for youth including sports, homework help, reading, and art, developing mentorship and interpersonal skills

### WISEST UAlberta | **Intern** Aug 2020 - June 2021

- Supported WISEST outreach initiatives by creating social media content, analyzing ad performance metrics, managing document control, and developing an Equity, Diversity, and Inclusion (EDI) toolkit for educators

## RECENT AWARDS

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***Class of 1950 Civil Engineers' Award*** | Awarded to civil engineering students in their final year, based on academic standing, leadership, and community involvement

***Government of Alberta Women in STEM Scholarship*** | Awarded to 50 Alberta women enrolled in post-secondary STEM programs where their gender is underrepresented or who are advancing gender equality in their field

***The Harry and Annie Girgulis Award*** | Awarded to civil engineering undergraduates with satisfactory academic standing and leadership in community activities