

# SAM PELCOWITZ

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## CAREER OBJECTIVE

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- Gain further experience as a civil engineer and develop my engineering capabilities
- Work diligently and continue to learn and progress within the field of civil engineering
- To obtain a Professional Engineering License in the province of Ontario

## HIGHLIGHTED SKILLS

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- Strong familiarity with Quadrel, Command Concrete, AutoCAD, Revit, and material testing.
- Experience working a variety of projects, from buildings to bridges.
- Exemplary communication skills both on site and with multi-disciplinary crews
- Effective time management and information organization while working on various job sites

## HONOURS AND AWARDS

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**Seneca College of Applied Arts & Technology, Toronto, ON** **2012-2014**  
Dean's Honour List [achievement of a minimum sessional GPA of 3.6]

## EDUCATION

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**McMaster University, Hamilton, ON** **2014-2016**  
▪ Bachelor of Technology: Civil Engineering [CO-OP]

**Seneca College of Applied Arts & Technology, Toronto, ON** **2012-2014**  
▪ Civil Engineering Technology Diploma [CO-OP]

**Westmount Collegiate Institute, Toronto, ON** **2012**  
▪ High School Diploma

## EMPLOYMENT EXPERIENCE

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**Allmix Concrete Inc., Markham, ON** **April 2017 - Present**

Part of the established Innocon group of companies, Allmix is a merger of several well-known GTA brands. It focuses on delivering high quality concrete solutions to the contractor and general builder around the GTA.

### **Position: Quality Control Technician**

#### **Responsibilities:**

- Manage and input test result data entry into Quadrel to ensure database is up to date
- Assist with mix design optimization and highlight irregularities in test data

- Perform routine field tests and inspections for purpose of verifying conformance to plans and specifications
- Work in field testing concrete for temperature, slump, density and air content, making cylinders for testing in lab
- Communicating with customers in a timely and professional manner
- Assist with ready mix plant operations
- Prepare reports, cards, and data sheets

**Davroc and Associates Ltd., Brampton, ON**

***June 2014 - Sept 2014***

Canadian owned consulting engineering firm comprised of building science engineers, technologists, project managers and specialists providing a full range of services in connection with the construction, assessment, maintenance and rehabilitation of building and structures.

**Position: Field Technician [CO-OP]**

***Responsibilities:***

- Conduct field surveys, and inspections of topography, soils, drainage and water supply systems, road and highway systems to provide data for engineering projects
- Conducted materials test and analysis for compaction testing with a nuclear densometer to make sure soil was properly compacted.
- Conducted materials test and analysis for core samples from various locations and brought them back for future testing.
- Certified by the Canadian Council of Independent Laboratories (CCIL) in Asphalt Laboratories Type A, B, C, & E
- Completed Nuclear Safety Training according to the Canadian Nuclear Safety Commission
- Collected data and reported any discrepancies with the field test results that did not pass the specifications given

**DBA Engineering Ltd., Toronto, ON**

***June 2013- Sept 2013***

DBA is a multi-disciplinary firm employing technical specialists with diversified scientific and management backgrounds.

**Position: Field Technician [CO-OP]**

***Responsibilities:***

- Performed materials tests and analysis for concrete sidewalks and curbs using the concrete slump test and Air Entrainment Test
- Observed and reported on bridge waterproofing to make sure thickness was consistent throughout
- Interact with various crews in different situations
- Confer with supervisor to determine project details such as plan preparation, acceptance testing, and evaluation of field conditions.
- Collected data and reported any problems with the concrete in the concrete trucks after testing

## **VOLUNTEER EXPERIENCE**

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**Get Swabbed | Canadian Blood Services, Hamilton, ON**

***2015 - 2016***

- Signed Students up, in teams of two to get tested by the Canadian blood services
- Developed communication skills through interacting with a variety of students

**Gutsy Rock for Crohn's and Colitis, Hamilton, ON**

***2015 - 2016***

- Helped raise money for Crohn' and Colitis by selling tickets online and around McMaster University
- Planned venue and set up the stage and seats for the charity event with of committee of 15 students