

# Ned

nadeem elahi

905-481-1294 | nad@3deem.com

44 Dunsmure Road, Hamilton, ON, L8M 1R9

## Skills

3D CAD/CGI | WebGL es2 glsl and Blender python  
Aero/Mech/Civil | FEA/FEM structural engineering  
Web Design | html, css, javascript php and mysql  
General Labour | landscaping, janitorial. cook, helper..

## Experience

3 D E E M . com | EIT engineer volunteer work

Developing website, 3D CAD/CGI and FEA/FEM structural design apps.

2026

Jan 21st | First to web market with NoSQL database app: [3deem.com/ixdb](https://3deem.com/ixdb)

Jan 5th | First to web market with WebGL 3D app: [3deem.com/designer-3d](https://3deem.com/designer-3d)

2025

Oct | First to web market with FEM structural engineering apps:

[github.com/nadeemelahi/webGL\\_FEM\\_Daryl\\_Logans\\_ex\\_3.8](https://github.com/nadeemelahi/webGL_FEM_Daryl_Logans_ex_3.8)

Produced FEM learning video series:

[youtube.com/playlist?list=PLJUHxPFa4XqNOckBvGyh4eB9F5Czn1Aec](https://youtube.com/playlist?list=PLJUHxPFa4XqNOckBvGyh4eB9F5Czn1Aec)

Aug | Structural FEM assembly:

[github.com/nadeemelahi/FEMarbitraryStiffnessMatrixGenerator](https://github.com/nadeemelahi/FEMarbitraryStiffnessMatrixGenerator)

Recorded sales pitch video: [youtube.com/shorts/WZYrC5mbyrI](https://youtube.com/shorts/WZYrC5mbyrI)

Mar | WebGL geometry and lamp shading cpu gpu code:

[github.com/nadeemelahi/webgl-gpuLamp](https://github.com/nadeemelahi/webgl-gpuLamp)

Produced webgl learning video series: [youtube.com/playlist?](https://youtube.com/playlist?list=PLJUHxPFa4XqP0KREQlaBVST_VLUEFiitS)

[list=PLJUHxPFa4XqP0KREQlaBVST\\_VLUEFiitS](https://youtube.com/playlist?list=PLJUHxPFa4XqP0KREQlaBVST_VLUEFiitS)

Aug | Stats Canada Open Data to HTML5 CMS: [3deem.com/open-data-csv2html](https://3deem.com/open-data-csv2html)

July | Algebra: [github.com/nadeemelahi/gcc\\_GaussElim3d\\_intersectionPt3lines](https://github.com/nadeemelahi/gcc_GaussElim3d_intersectionPt3lines)

May | HTML5 AODA website plugin: [3deem.com/aoda](https://3deem.com/aoda)

Feb | JavaScript DOM web UI plugins: [3deem.com/calendar](https://3deem.com/calendar) , [calculator](https://3deem.com/calculator)

2024

Jan | Social Networking Web and Android App: [mechanicbook.ca/apk](https://mechanicbook.ca/apk)

Recorded sales pitch video: [youtube.com/watch?v=ti30VY9Q5\\_E](https://youtube.com/watch?v=ti30VY9Q5_E)

Temp | GL/Helper

2026 | Working general labour for temp agencies and helper via Kijiji classifieds.

## Education

2001 | Bachelor's of Engineering

TorontoMU.ca