



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

# Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/07

## Methods Engineer

<b>Job ID</b>	<b>13-6C-C2-41-E4-99</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=13-6C-C2-41-E4-99">https://careers.indigenous.link/viewjob?jobname=13-6C-C2-41-E4-99</a>	
<b>Company</b>	Thumbprint Solutions Inc.	
<b>Location</b>	Stouffville, Ontario	
<b>Date Posted</b>	From: 2020-11-14	To: 2021-05-13
<b>Job</b>	Type: Full-time	Category: Engineering
<b>Job Start Date</b>	As soon as possible	
<b>Job Salary</b>	\$85,000.00 / Year, Working 40 Hours/wk.	
<b>Languages</b>	English	

### Description

Thumbprint Solutions Inc. is a boutique engineering design firm specializing in mechanical design, simulation and product realization. Based just north of Toronto, Canada, we proudly provide our clients and partners turnkey mechanical and mechatronics engineering solutions to help them solve their most challenging technical challenges. With a combination of cutting-edge simulation, innovative design and good old-fashioned teamwork, we help to conceive, develop, optimize, validate and bring to practice novel technologies in the product and machine design space. Valued for our problem solving ability and can-do attitude, we have become a go-to partner for a diverse and growing customer base, including world class manufacturing, aerospace, industrial, research, and life-sciences clients.

Now weâ€™re growing again, and are actively looking for new team members for both our core engineering team, as well as our new TSI-Labs venture. We value people who know their stuff, work hard and contribute positively with our team, and ultimately, can join us to make a positive difference in the world.

### CAE Methods Engineer

TSI is looking for a permanent full time experienced CAE methods engineer to complement our simulation services team. The successful candidate will help us support our team by developing new methods in our core business areas including structural mechanics, advanced materials, optimization, crashworthiness and multi-physics fields. The candidate will focus on methods development and application. The successful candidate is an accomplished CAE engineer with a proven history of solving real-world engineering problems. You can understand complex problems, and develop accurate, validated and effective simulation techniques to solve them using leading industry software. You will be able to review, interpret and present methods in a clear and concise manner, including conclusions and recommendation based on findings.

As an experienced researcher, you will adopt and implement novel methods to validate your work, and rigorous systems and processes to ensure your results are accurate and repeatable. You know when and how to use physical testing to support simulation and validate its results. This is not a

meshing and model-building role, but rather a problem solving one. The diverse nature of our work makes it very important that the candidate demonstrates a strong theoretical background of both engineering and simulation technology.

### **Experience**

- Minimum 3 years of demonstrated post-academic performance performing advanced CAE.
- Excellent overall knowledge and experience in CAE, with at least one specialty in; nonlinear simulation (metal forming/forging), FSI, multibody dynamics, vibrations, optimization and advanced materials.
- Specific experience with LS-DYNA, Altair HyperWorks and ABAQUS is highly desirable.
- Excellent written and verbal communications skills in English.
- Excellent organizational skills to manage multiple simultaneous projects and coordinate with other team members and clients.

### **Credentials**

P.Eng. designation or eligibility is a plus.

### **Education Requirements**

Bachelors, Masters or PhD in applied science (engineering)

### **Essential Skills**

- Developing CAE methods and models for simulations ranging from linear static to highly nonlinear (e.g. crashworthiness, advanced materials).
- Reviewing, interpreting and presenting CAE results in written and oral format.
- Guiding and/or performing physical testing and data processing to support analysis.
- Managing software and hardware.
- Developing in-house simulation and automation tools (e.g. custom scripts, macros, bespoke solvers).
- Writing reports and/or scientific papers.

### **Work Environment**

TSI is a professional engineering company and is registered with the Canadian Controlled Goods Directorate, so the candidate will require security screening and naturally have the highest level of integrity.

This position will be located at our office in Stouffville, Ontario. The language of work is English, however, TSI has several clients overseas and foreign language knowledge may be an asset. TSI offers life, disability and extended health/dental benefits packages to qualifying employees. TSI is an equal opportunity employer.

### **How to Apply**

Please send your resume to: 11-50 Innovator Avenue, Stouffville, ON L4A 0Y2 or email to: [hr@thumbprintsolutions.com](mailto:hr@thumbprintsolutions.com)

# Job Board Posting

Date Printed: 2024/05/07

## Methods Engineer

<b>Job ID</b>	<b>845ABF11D3979</b>	
<b>Web Address</b>	<a href="http://NewCanadianWorker.ca/viewjob?jobname=845ABF11D3979">http://NewCanadianWorker.ca/viewjob?jobname=845ABF11D3979</a>	
<b>Company</b>	Thumbprint Solutions Inc.	
<b>Location</b>	Stouffville, Ontario	
<b>Date Posted</b>	From: 2020-11-14	To: 2021-05-13
<b>Job</b>	Type: Full-time	Category: Engineering
<b>Job Start Date</b>	As soon as possible	
<b>Job Salary</b>	\$85,000.00 / Year, Working 40 Hours/wk.	
<b>Languages</b>	English	

### Description

Thumbprint Solutions Inc. is a boutique engineering design firm specializing in mechanical design, simulation and product realization. Based just north of Toronto, Canada, we proudly provide our clients and partners turnkey mechanical and mechatronics engineering solutions to help them solve their most challenging technical challenges. With a combination of cutting-edge simulation, innovative design and good old-fashioned teamwork, we help to conceive, develop, optimize, validate and bring to practice novel technologies in the product and machine design space. Valued for our problem solving ability and can-do attitude, we have become a go-to partner for a diverse and growing customer base, including world class manufacturing, aerospace, industrial, research, and life-sciences clients.

Now weâ€™re growing again, and are actively looking for new team members for both our core engineering team, as well as our new TSI-Labs venture. We value people who know their stuff, work hard and contribute positively with our team, and ultimately, can join us to make a positive difference in the world.

#### CAE Methods Engineer

TSI is looking for a permanent full time experienced CAE methods engineer to complement our simulation services team. The successful candidate will help us support our team by developing new methods in our core business areas including structural mechanics, advanced materials, optimization, crashworthiness and multi-physics fields. The candidate will focus on methods development and application. The successful candidate is an accomplished CAE engineer with a proven history of solving real-world engineering problems. You can understand complex problems, and develop accurate, validated and effective simulation techniques to solve them using leading industry software. You will be able to review, interpret and present methods in a clear and concise manner, including conclusions and recommendation based on findings.

As an experienced researcher, you will adopt and implement novel methods to validate your work, and rigorous systems and processes to ensure your results are accurate and repeatable. You know when and how to use physical testing to support simulation and validate its results. This is not a meshing and model-building role, but rather a problem solving one. The diverse nature of our work

makes it very important that the candidate demonstrates a strong theoretical background of both engineering and simulation technology.

### **Experience**

- Minimum 3 years of demonstrated post-academic performance performing advanced CAE.
- Excellent overall knowledge and experience in CAE, with at least one specialty in; nonlinear simulation (metal forming/forging), FSI, multibody dynamics, vibrations, optimization and advanced materials.
- Specific experience with LS-DYNA, Altair HyperWorks and ABAQUS is highly desirable.
- Excellent written and verbal communications skills in English.
- Excellent organizational skills to manage multiple simultaneous projects and coordinate with other team members and clients.

### **Credentials**

P.Eng. designation or eligibility is a plus.

### **Education Requirements**

Bachelors, Masters or PhD in applied science (engineering)

### **Essential Skills**

- Developing CAE methods and models for simulations ranging from linear static to highly nonlinear (e.g. crashworthiness, advanced materials).
- Reviewing, interpreting and presenting CAE results in written and oral format.
- Guiding and/or performing physical testing and data processing to support analysis.
- Managing software and hardware.
- Developing in-house simulation and automation tools (e.g. custom scripts, macros, bespoke solvers).
- Writing reports and/or scientific papers.

### **Work Environment**

TSI is a professional engineering company and is registered with the Canadian Controlled Goods Directorate, so the candidate will require security screening and naturally have the highest level of integrity.

This position will be located at our office in Stouffville, Ontario. The language of work is English, however, TSI has several clients overseas and foreign language knowledge may be an asset. TSI offers life, disability and extended health/dental benefits packages to qualifying employees. TSI is an equal opportunity employer.

### **How to Apply**

Please send your resume to: 11-50 Innovator Avenue, Stouffville, ON L4A 0Y2 or email to: [hr@thumbprintsolutions.com](mailto:hr@thumbprintsolutions.com)

# Job Board Posting

**NoExperienceNeeded.ca**  
your place for a first step or a fresh start

Date Printed: 2024/05/07

## Methods Engineer

<b>Job ID</b>	<b>86AFE6DECA65D</b>	
<b>Web Address</b>	<a href="http://NoExperienceNeeded.ca/viewjob?jobname=86AFE6DECA65D">http://NoExperienceNeeded.ca/viewjob?jobname=86AFE6DECA65D</a>	
<b>Company</b>	Thumbprint Solutions Inc.	
<b>Location</b>	Stouffville, Ontario	
<b>Date Posted</b>	From: 2020-11-14	To: 2021-05-13
<b>Job</b>	Type: Full-time	Category: Engineering
<b>Job Start Date</b>	As soon as possible	
<b>Job Salary</b>	\$85,000.00 / Year, Working 40 Hours/wk.	
<b>Languages</b>	English	

### Description

Thumbprint Solutions Inc. is a boutique engineering design firm specializing in mechanical design, simulation and product realization. Based just north of Toronto, Canada, we proudly provide our clients and partners turnkey mechanical and mechatronics engineering solutions to help them solve their most challenging technical challenges. With a combination of cutting-edge simulation, innovative design and good old-fashioned teamwork, we help to conceive, develop, optimize, validate and bring to practice novel technologies in the product and machine design space. Valued for our problem solving ability and can-do attitude, we have become a go-to partner for a diverse and growing customer base, including world class manufacturing, aerospace, industrial, research, and life-sciences clients.

Now weâ€™re growing again, and are actively looking for new team members for both our core engineering team, as well as our new TSI-Labs venture. We value people who know their stuff, work hard and contribute positively with our team, and ultimately, can join us to make a positive difference in the world.

#### CAE Methods Engineer

TSI is looking for a permanent full time experienced CAE methods engineer to complement our simulation services team. The successful candidate will help us support our team by developing new methods in our core business areas including structural mechanics, advanced materials, optimization, crashworthiness and multi-physics fields. The candidate will focus on methods development and application. The successful candidate is an accomplished CAE engineer with a proven history of solving real-world engineering problems. You can understand complex problems, and develop accurate, validated and effective simulation techniques to solve them using leading industry software. You will be able to review, interpret and present methods in a clear and concise manner, including conclusions and recommendation based on findings.

As an experienced researcher, you will adopt and implement novel methods to validate your work, and rigorous systems and processes to ensure your results are accurate and repeatable. You know when and how to use physical testing to support simulation and validate its results. This is not a

meshing and model-building role, but rather a problem solving one. The diverse nature of our work makes it very important that the candidate demonstrates a strong theoretical background of both engineering and simulation technology.

### **Experience**

- Minimum 3 years of demonstrated post-academic performance performing advanced CAE.
- Excellent overall knowledge and experience in CAE, with at least one specialty in; nonlinear simulation (metal forming/forging), FSI, multibody dynamics, vibrations, optimization and advanced materials.
- Specific experience with LS-DYNA, Altair HyperWorks and ABAQUS is highly desirable.
- Excellent written and verbal communications skills in English.
- Excellent organizational skills to manage multiple simultaneous projects and coordinate with other team members and clients.

### **Credentials**

P.Eng. designation or eligibility is a plus.

### **Education Requirements**

Bachelors, Masters or PhD in applied science (engineering)

### **Essential Skills**

- Developing CAE methods and models for simulations ranging from linear static to highly nonlinear (e.g. crashworthiness, advanced materials).
- Reviewing, interpreting and presenting CAE results in written and oral format.
- Guiding and/or performing physical testing and data processing to support analysis.
- Managing software and hardware.
- Developing in-house simulation and automation tools (e.g. custom scripts, macros, bespoke solvers).
- Writing reports and/or scientific papers.

### **Work Environment**

TSI is a professional engineering company and is registered with the Canadian Controlled Goods Directorate, so the candidate will require security screening and naturally have the highest level of integrity.

This position will be located at our office in Stouffville, Ontario. The language of work is English, however, TSI has several clients overseas and foreign language knowledge may be an asset. TSI offers life, disability and extended health/dental benefits packages to qualifying employees. TSI is an equal opportunity employer.

### **How to Apply**

Please send your resume to: 11-50 Innovator Avenue, Stouffville, ON L4A 0Y2 or email to: [hr@thumbprintsolutions.com](mailto:hr@thumbprintsolutions.com)