

Texas Instruments job posting:

https://careers.ti.com/job/16751960/software-engineering-intern-toronto-ca/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic

4/15/23, 4:12 PM

Software Engineering Intern | Careers | TI.com



English



Software Engineering Intern

220008BY

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We can't predict what the future holds, but we know Texas Instruments will have a part in shaping it.

As a Software Engineering Intern, you'll become a key contributor where your skills and input make a big difference. In this role, you'll design embedded software and development tools that will be used to test products. You'll write code that tells chips how to operate in revolutionary new ways.

Texas Instruments (TI) is the world leader in Digital Signal Processors (DSP), Microcontroller (MCU) solutions and Analog Chips. With these technologies TI is fueling today's fastest-growing markets, from telecommunications, video conferencing, medical, safety and security to industrial automation, renewable energy and motor controls.

At

TI Toronto

we develop the industry's most comprehensive integrated development environments: Code Composer Studio and Code Composer Studio Cloud. Code Composer Studio desktop is based on the Eclipse open-source platform and our TI Cloud Tools (dev.ti.com) are Node.js based.

As a developer on our Toronto team, you'll become a contributor where your skills and input impact TI products and customers. In this role your contributions will enable Texas Instruments to deliver quality desktop and cloud products to customers for implementing, debugging and analyzing embedded software solutions.

You will work in a dynamic environment and interact with other global teams and will get opportunities to get hands-on experience with industry leading embedded systems and tools.

- Are you an innovative individual?
- Do you pride yourself on advanced and innovative software development techniques?
- Are you technically savvy?
- Are you a communicative team player?
- Are you versatile and flexible?
- Do you want to work for a company that is at the cutting edge of the latest technologies?

If you answered yes to all of the above, then please submit your application to our Toronto team. We have a small company environment with all the resources of a large multi-national corporation. TI Toronto combines an exceptional workspace with a dynamic culture that creates many opportunities for its employees. Our casual and dynamic working environment is located in downtown Toronto and is easily accessible by subway, streetcar, and GO Transit.

What You Will Gain:

- Gain experience with desktop and cloud-based embedded tooling.
- Work side-by-side with a team of experienced developers on cutting edge technologies.
- Exposure to embedded devices.

Put your talent to work with us as a Software Engineering Intern – change the world, love your job!

Texas Instruments will not sponsor job applicants for visas or work authorization for this position.

Minimum Requirements:

- Currently pursuing a undergraduate or graduate degree in Computer Engineering, Computer Engineering, Computer Science, Mathematics or related field
- Cumulative 3.0/4.0 GPA or higher
- Knowledge of software engineering processes and the full software development lifecycle
- Knowledge of at least one software engineering language

Preferred Qualifications:

- Programming skills in one or more of Java, Javascript, Python, Linux/UNIX shell scripting, C++ would be useful
- Knowledge and experience working in Windows, Linux and mac OS environments would be useful
- Experience with JavaScript, HTML, Node.js, CSS, React and JQuery would be useful
- Demonstrated strong analytical and problem solving skills
- Strong written and verbal communication skills
- Ability to work in teams and collaborate effectively with people in different functions
- Strong time management skills that enable on-time project delivery
- Demonstrated ability to build strong, influential relationships
- Ability to work effectively in a fast-paced and rapidly changing environment
- Ability to take the initiative and drive for result

About Texas Instruments

As a global semiconductor company, we design, manufacture, test and sell analog and embedded processing chips to nearly 100,000 customers. Our products enable electronics everywhere and in things you experience every day – from health care, smart homes and connected cars to drones, smart phones and more. Our passion to create a better and more sustainable world by making electronics more affordable through semiconductors drives us to make our technology smaller, more efficient, more reliable and more affordable.

Texas Instruments is an equal opportunity employer and supports a diverse, inclusive work environment.

If you are interested in this position, please apply to this requisition.

“Software Engineering Intern: Careers: Ti.com.” *Texas Instruments Careers*, 17 Jan. 2023, https://careers.ti.com/job/16751960/software-engineering-intern-toronto-ca/?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic.

Cover Letter

123 Street Ave
Vancouver, BC V1V 1V1

April 15, 2023

Software Engineering Intern Hiring Team
Texas Instruments
70 University Ave
Toronto, ON M5J 2M4

Dear Software Engineering Intern Hiring Team,

Please consider my application for the position of Software Engineering Intern at Texas Instruments. As a second-degree computer science student, I bring along my experience from my first degree in Environmental Science from the University of Toronto.

As you can see from my enclosed resume, I have worked as a data analyst intern. This experience combined with earlier jobs has given me an understanding on working with a team and the ability to work efficiently alone and hit deadlines.

As an aspiring software engineer, I am aware of the technical skills needed to work as a software engineering intern in your team. Through hackathons and personal projects, I have experience with Java, Javascript, and Typescript. Moreover, my projects have provided me the opportunity to learn new languages and technology.

If my background meets your needs, please email me at justinn.tangg@gmail.com.

Sincerely,

Justin Tang

Justin Tang
123 Street Avenue
Vancouver, BC V1V 1V1
(111) 111-1111
justinn.tangg@gmail.com

Objective	Obtain a fall internship as a software engineering
Education	<i>University of British Columbia, Vancouver, BC</i>
2022 - present	Bachelor of Computer Science
2016 - 2021	<i>University of Toronto, Toronto, ON</i> Honours Bachelors of Science
Employment	<i>Lululemon, Vaughn, ON</i>
2022 - 2022	Sales representative (part-time). Educated customers on products and worked as a cashier
2021 - 2021	<i>Yee Hong, Toronto, ON</i> Data analyst internship. Designed a longitudinal study to measure the quality of life and happiness of residents.
2019 - 2020	The University of Hong Kong, Hong Kong, China Research assistant in the Department of Earth Sciences. Assisted Phd students in cleaning and examining samples.
Technical Projects	<i>Behaviour Beaver</i>
2023	Built a web application for students practicing the behavioural portion of an interview. Built using React, Typescript, and OpenAI.
2023	<i>Badminton Tracker</i> Built a badminton app that is used to keep score, keep track of who is serving, the position of players, and show statistics of the players and of the match. Utilized Java, JUnit, and JSON.
Technical Skills	Programming Languages: Python, R, SQL, Java, Javascript Technologies: PowerBI, Tableau, ENVI, ArcGIS, GIT
References	Available on request.

Reference Request #1

123 Street Avenue
Vancouver, BC V1V 1V1

April 15th, 2022

Vimal Kurian
Director, Corporate Quality and Performance
Yee Hong
Toronto, ON M1V 5L3

Subject: Request for Reference

Dear Vimal,

I hope this letter finds you well. This is Justin Tang, I was your intern in the summer of 2021 at Yee Hong

I am currently searching for an internship for September 2023, I found a position as a Software Engineering Intern at Texas Instruments. As a mentee of yours, I wanted to ask if you would be willing to provide a recommendation letter for this position at Texas Instruments. I learned a lot from you in our short time together. I was wondering if you would be able to write a reference letter centred around these main points.

- My efforts in creating a longitudinal study
- My efforts creating a management oriented PowerBI dashboard
- Your assessment of my ability to work in data analytics

If you are willing to provide a letter of reference, I can send any information you would need, including resume, cover letter, and job posting. Thank you for your time and consideration. I understand that this can be a busy time of year. Please reach out to me via email at justinn.tangg@gmail.com if you have any questions.

Best regards,

Justin Tang

Reference Request #2

123 Street Avenue
Vancouver, BC V1V 1V1

April 15th, 2022

Gregor Kiczales
Professor
University of British Columbia
Vancouver, BC V6T 1Z4

Subject: Request for Reference

Dear Gregor,

I hope this letter finds you well. This is Justin Tang, I was your student in term CPSC 110 during term 1 in 2022W.

I am currently searching for an internship for September 2023, I found a position as a Software Engineering Intern at Texas Instruments. As a former student of yours, I wanted to ask if you would be willing to provide a recommendation letter for this position at Texas Instruments. I learned a lot from your lectures and our conversations during office hours about my interest in computer science and much more. I was wondering if you would be able to write a reference letter centred around these main points.

- My effort in learning course concepts
- My interest in the many fields of computer science
- Your assessment of my performance in CPSC 110

If you are willing to provide a letter of reference, I can send any information you would need, including resume, cover letter, and job posting. Thank you for your time and consideration. I understand that this can be a busy time of year. Please reach out to me via email at justinn.tangg@gmail.com if you have any questions.

Best regards,

Justin Tang

Reference Request #3

123 Street Avenue
Vancouver, BC V1V 1V1

April 15th, 2022

Patrice Belleville
Director of BCS program and Professor
University of British Columbia
Vancouver, BC V6T 1Z4

Subject: Request for Reference

Dear Dr Belleville,

I hope this letter finds you well. This is Justin Tang, a first year BCS student.

I am currently searching for an internship for September 2023, I found a position as a Software Engineering Intern at Texas Instruments. As a director of my program, I wanted to ask if you would be willing to provide a recommendation letter for this position at Texas Instruments. I learned a lot from our conversations during office hours about my interest in computer science and much more and also your assistance with courses that you do not teach. I was wondering if you would be able to write a reference letter centred around these main points.

- My effort in learning course concepts
- My interest in the many fields of computer science
- Your assessment of my passion and willingness to learn

If you are willing to provide a letter of reference, I can send any information you would need, including resume, cover letter, and job posting. Thank you for your time and consideration. I understand that this can be a busy time of year. Please reach out to me via email at justinn.tangg@gmail.com if you have any questions.

Best regards,

Justin Tang