

## LET'S TALK SCIENCE POSITION POSTING

*Position Title:* Intermediate Programmer

*Position Status:* 1-year renewable contract, eligible for benefits

*Closing Date:* Position will remain open until filled; however; applications are encouraged by 11:59 pm ET on June 25, 2021

### THE OPPORTUNITY

Let's Talk Science (LTS) is an award-winning, national charitable organization focused on education and outreach to support youth development. Through the creation and delivery of unique learning programs and services that engage children, youth and educators in science, technology, engineering and math (STEM), staff and volunteers support learning and skill development. Committed to inspiring and empowering Canadian youth to develop the skills they need to participate and thrive in an ever-changing world, LTS offers programs, resources and services that motivate all ages to fulfill their potential and prepare them for future careers and roles as citizens. Let's Talk Science has excited, inspired and engaged more than 7 million children, youth, educators and volunteers in STEM since its inception.

We invite you to visit our website [www.letstalkscience.ca](http://www.letstalkscience.ca) to learn more about our organization.

### POSITION

The Intermediate Programmer is responsible for the maintenance, expansion, implementation and reporting on assigned Let's Talk Science programs. This position works with program and functional teams to filter directional goals and priorities and translate those into functioning and maintainable software systems and applications. The Intermediate Programmer also plays a significant role in contributing ideas to, and implementing and assessing the progress of Let's Talk Science's information technology strategy as it relates to software systems and applications.

### Responsibilities:

- Consult with program teams and other developers to analyze requirements and design software systems and applications
- Design, develop, and program new computer applications according to specifications and user requirements
- Plan, design, code, and implement interfaces between disparate computer systems
- Support end users and web team by troubleshooting or resolving problems with Let's Talk Science applications and systems
- Assist with the implementation of new software throughout all phases of systems planning
- Review system design and operating activities to ensure that user and/or business requirements have been met
- Develop standards, guidelines, and procedures for system development using approved methodologies
- Design relational data structures
- Train users and other personnel as required on the use of systems and applications, or changes made to them
- Actively participate in all aspects of Let's Talk Science's information technology strategy
- Work with Let's Talk Science technology team to ensure all development is consistent, documented, compatible across web programs and cross-leveraged appropriately across programs
- Participate in team growth and mentorship
- Set-up and maintain testing and development environments
- Assist with systems administration tasks, as appropriate, including:
  - Collaborate with peers to analyze and modify existing systems to ensure optimal performance, as specified by server licensing agreements (SLAs), as appropriate

- Provide technical input regarding technology enhancements to the Let's Talk Science information systems
- Stay current on evolving and emerging technologies and applications, and bring to teams
- Other duties as requested/required that are within the scope of the position

## Requirements/Qualifications

- Formal university or college education in computer science, web development, a related field or equivalent work experience
- At least 3 years of web/software development experience
- Proficient in HTML, CSS, JavaScript and JavaScript Frameworks (Vue.js)
- Proficient SQL knowledge
- Broad and deep knowledge of web and information technology practices, products and processes are essential
- Experience researching and adapting platforms to specific program needs
- Demonstrated capacity to work in information technology service teams and be accountable for project timelines
- Experience with web and systems services
- Knowledge of Windows, Mac OS, and Linux administration
- Knowledge of web-server administration (IP4/6, Routes, Firewall)
- Experience with deployments, dev ops, and/or AWS
- Experience with container solutions and orchestration, Docker and Kubernetes strongly preferred
- Experience with scripting in languages, bash and/or PowerShell preferred

## Skills and Abilities

- Excellent relationship skills
- Excellent technical skills and detail oriented
- Strong communication skills, particularly in relaying technical concepts to laypeople
- Ability to be flexible and work with multiple evolving projects at the same time
- Capacity to manage competing priorities and meet tight deadlines; ability to identify risk during the day to day
- Ability to troubleshoot and resolve problems quickly
- Strong organizational and project monitoring skills
- Ability to identify and incorporate new technologies into existing software systems and applications
- Comfortable working independently and with colleagues and team members
- Ability to convert user and project requirements into technical specifications
- Bilingual (English and French) an asset

## Working Relationships

- Reports to the Director, Digital Platforms
- Works closely and collaboratively with other members of the Digital Platform team
- Works closely and collaboratively with program teams as needed
- Works closely and collaboratively with staff in Communications and Fund Development
- Works with other Let's Talk Science personnel
- Work with external service providers as required

Interested candidates should submit their resume and cover letter (including salary expectations) quoting "Intermediate Programmer" as outlined below by 11:59 pm ET on June 25, 2021 to:

Shawna Agathos

Human Resource Generalist, Let's Talk Science

1510 Woodcock Street, Unit 12 London ON N6H 5S1

Or via email: [hr@letstalkscience.ca](mailto:hr@letstalkscience.ca) (please submit all documents in one pdf file)

FAX: (519) 474-4085

*Let's Talk Science is committed to building a diverse workforce reflective of Canadian society and invite applications from all qualified individuals. Let's Talk Science is committed to employment equity and diversity in the workplace, and welcomes applications from members of racialized groups, Indigenous persons, persons with disabilities, and persons of any sexual orientation, gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations to assist you with any aspect of the hiring process, please contact the Human Resource Generalist listed above to arrange reasonable and appropriate accommodation measures which will enable you to be assessed (or "to participate") in a fair and equitable manner. While we appreciate all applications, only those invited for an interview will be acknowledged.*