UBC Geering Up
Engineering Outreach

Quantum Computing Curriculum Planner
Job Description

Terms of Appointment

Part-Time **April 29th, 2024 through to August 30th, 2024**. Curricululm Developers will have weekly online team meetings with other developers and their supervisor. Work hours are otherwise flexible.

Renumeration

$32.66 per hour at 10 hours/week. To be paid out according to the calendar set by UBC payroll.

What would you learn?

- Workplace skills like Problem analysis, project management, ethics and equity, etc.

- The curriculum planner will have the opportunity to network with industry partners from leading Quantum Cmputing companies, graduate students, and Geering Up Staff

- Access to a national network of STEM outreach organizations. Learn more about the Actua network here

- Equity, Diversity, and Inclusion training

- Feedback, Ongoing support and Reflection opportunities

- Leadership & program development opportunities for returning staff members

What is Geering Up?

UBC Geering Up Engineering Outreach is a non-profit organization dedicated to engaging the children and youth of British Columbia in STEM (Science, Technology, Engineering and Math) through fun, innovative, and hands-on experiments and projects. We recognize that there are systemic barriers that prevent many people from pursuing careers in STEM. Thus, Geering Up strives to reach all children and youth, regardless of gender, ethnicity, culture, or socio-economic status. Over the past 20 years, we have reached over 150,000 youth through summer camps, in-school workshops, community outreach trips, clubs, and more.

This position supports the development and delivery of Geering Up's Quantum Computing Outreach programs across British Columbia

What skills are we looking for?

- Strong experience in STEM (background in Physics or Quantum Computing or related fields is necessary)
- Strong experience working with children in a teaching environment
- Proven leadership skills and exceptional teamwork, communication and interpersonal skills
- Planning, organizational, multi-tasking, and self-directed work skills
- Special consideration given to those with formal training in special education and/or disability theory, those who have worked in a summer camp environment in the past, and those with current Standard First Aid certification.
- All Staff must have a Criminal Record Check on file before they may work with children.

What would you do in this role?

- Assist in the development and delivery of Quantum computing kits for Workshops, camps and professional development programs for teachers
- Work with industry professionals and graduate students in developing age-appropriate curriculum for a variety of programming-types (i.e. clubs, workshops, camps
- Design InSTEM workshops relating to Quantum Computing
- Present their curriculum to instructors and assist Coordinators with training instructors
- Complete all evaluations and reports in a timely manner
- Perform other duties as requested by the Coordinators

How to Apply

Please complete and submit the following items to Geering Up: Application forms can be found on our website, www.geeringup.apsc.ubc.ca/staff/

You must apply via this form. The application form will request you to attach your cover letter and resume on the last page. Applications sent via email or via careers online will not be accepted. The deadline for applications is on the website.

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