**JOHNSON SHOYAMA GRADUATE SCHOOL OF PUBLIC POLICY
UNIVERSITY OF REGINA CAMPUS - DIGITAL EPIDEMIOLOGY AND
POPULATION HEALTH LABORATORY**

NOW HIRING: DATA SCIENTISTS

JOHNSON SHOYAMA
**Digital Epidemiology and Population
Health (DEPtH) Laboratory**
CENTRE FOR THE STUDY OF SCIENCE AND INNOVATION POLICY
UREGINA ◤ USASK

Are you interested in applying your data science skills to an applied project? Do you want to make a **real-world impact**? Join our innovative and cutting-edge research to address emerging and existing health crises, including COVID-19.

The Digital Epidemiology and Population Health Laboratory (DEPtH Lab) is recruiting for **three full-time, term positions**—**Data Science Research Associate**, **Research Assistant**, or **Postdoctoral Fellow** to work on different SMART Platform projects!

SMART Platform is a digital epidemiological and citizen science platform for ethical engagement, integrated knowledge translation, and policy and behaviour interventions. DEPtH Lab is using this unique platform to address health crises in real time. For instance, in response to the novel coronavirus disease, the CO-Away system was designed to address population health risks during multiple waves of COVID-19.

POSITION SUMMARY
Successful candidates will work under the supervision of Dr. Tarun Katapally to:

- Design and create digital health platforms.
- Manage, analyse, and utilize big data for digital health platform development.
- Write high quality source code to complete tasks within deadlines.
- Evaluate existing digital health applications to reprogram, update and add new features.
- Develop technical documents and handbooks to accurately represent application design and code.
- Assist with enhancements and maintenance of the digital health products currently in production.

Due to the nature of the work, successful applicants are not required to relocate to Regina, Saskatchewan, and can work remotely from their home location.

REQUIREMENTS/SKILLS
- Graduate degree/diploma programs in computer science, data science, digital epidemiology or related field.
- Recognized diplomas or certificates in software development, with particular expertise in working with app and dashboard development frameworks.
- Excellent understanding of software design and programming principles.
- Experience in building fully native iOS and Android applications for a variety of devices.
- Working knowledge of the following:
    - C# / XAML/ Xamarin/Azure/ React Native or other cloud platforms
    - Knowledge in Artificial Intelligence, Machine learning, Deep learning, Internet of Things, Data Structures and Algorithms, Computer Networks, Operating Systems, and Database Management
    - Programming/Scripting Languages: C/C++, Python, SQL, Java
    - Website Design: HTML5, CSS, WordPress, JavaScript (basic level)
    - Experience with TFS, Agile software development methodology, unit testing, DevOps, Sketch considered a benefit
- Ability to write clean, well-documented code.

DETAILS AND HOW TO APPLY
Applications will be reviewed starting **March 1, 2021** and will continue until the positions are filled. Interested candidates are invited to send their applications—including a cover letter, current resume/CV, and the names and contact information of three references to:

> **Dr. Pinal Patel**, DEPtH Research Associate
> Johnson Shoyama Graduate School of Public Policy
> pinal.patel@uregina.ca

The University of Regina is committed to an inclusive workplace that reflects the richness of the community that we serve. The University welcomes applications from all qualified individuals, including individuals within the University's employment equity categories of women, persons with disabilities, members of visible minorities, Indigenous persons, individuals of diverse gender and sexual orientation and all groups protected by the Human Rights Code.

ABOUT THE JOHNSON SHOYAMA GRADUATE SCHOOL OF PUBLIC POLICY (JSGS)
Named after Albert W. Johnson and Thomas K. Shoyama, two of Saskatchewan's best-known public servants who went on to illustrious careers with the federal government, JSGS is the first provincial school of its kind and is the product of an innovative and successful partnership between the University of Regina and the University of Saskatchewan.

In its second decade of operations, JSGS strives to be a world-class policy school that educates, informs, and engages with public policy and administration. Our unique two-campus model brings together faculty and staff from two universities and several disciplines, as well as a host of Executives-in-Residence with many years of practical experience in government.

schoolofpublicpolicy.sk.ca