



Yalty Software Inc.

Contact: info@yaltysoft.com

This internship is funded by the Government of Canada and work terms are under the **Digital Skills for Youth (DS4Y) Program**. DS4Y, an initiative from **Innovation, Science and Economic Development Canada (ISED)**, provides an opportunity for youth to gain valuable training and work experience needed for today's digital economy.

Data Scientist

Yalty Software is looking for a data scientist to help us visualize and correlate information from a variety of locations. We are looking for talented and ambitious teammates who will Think Big with us. If you have a passion for ground-breaking technology, please join us and be part of this exciting, fast-growing project.

On our team, you will work with business leadership and with other Yalty team members across a wide spectrum of disciplines to design and build BI dashboards and data pipelines. You will be joining on the ground floor and will grow with our team all the way through to our expected launch. You will be expected to:

Key Deliverables & Responsibilities:

- Prepare data for effective analysis
- Apply math and statistics appropriately
- Leverage machine learning and artificial intelligence
- Innovate by adapting new modeling techniques and procedures
- Work in a collaborative environment with other team members
- Proficiency in Python, AWS, and Terraform.
- Capture and transform data by building data pipelines
- Proficiency in data modelling
- Motivated by entrepreneurial projects and experienced in collaboratively working with a diverse team of skilled people
- Ability in problem solving and driving for results.
- Personal interest in learning, researching, and creating new technologies with high customer impact.
- Efficient communication and data presentation skills.

Experience, Knowledge & Requirements

- A good understanding of AWS or other public cloud technologies.
- Very knowledgeable with Terraform
- Experience with automation & configuration management
- A good understanding of open source DevOps technologies and cloud services (experience with DevOps on AWS)
- Familiar with micro service architectures, multi-cloud, global or regional cloud deployment
- Knowledge of cloud technologies and cloud infrastructure, including networking (AWS preferred)
- Experience in creating a CI/CD (continuous integration/deployment) pipeline
- Experience with programming and scripting, with a preference for Python, bash, Javascript, etc
- Experience with containerization (Docker, etc.) and container orchestration (Kubernetes, etc.) in deployment and operations

Skills and Abilities

- Strong written and oral communication skills



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- Highly self-motivated and self-directed
- Strong, demonstrated customer focus (internal and external)
- Sharp analytical and problem-solving abilities with the ability to work on multiple assignments simultaneously
- Strong interpersonal skills.

Working for Us

- Yalty Software is aiming to resolve low conversion rates at online retailers using an innovative loyalty concept
- This is a full-time position for 18 weeks (term may be extended)
- You will be working home and interacting with a small team in an entrepreneurial setting working directly with the founders
- We have a flexible work schedule
- You will be mentored by the company's cofounders who have extensive experience in business and providing technical solutions

Funded by the
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