

RUSLAN NIKOLAEV

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LinkedIn: [linkedin.com/in/nikolaevra](https://www.linkedin.com/in/nikolaevra) GitHub: github.com/nikolaevra Website: nikolaevra.com

Education:

- **Wilfrid Laurier University**, Waterloo, ON
(2015 - present)
Business Administration (BBA) program
- **University of Waterloo**, Waterloo, ON
(2015 - present)
Computer Science (BCS) program
- **Columbia International College**, Hamilton, ON
(2012 - 2015)
Canadian high school diploma
- **School #96**, Kazan, Russia
(2012 - 2015)
Russian high school diploma

Developer Experience:

Data Engineering Intern [Shopify](#), Ottawa, Canada

January 2018 – May 2018, co-op

- Improved customer experience and guided software teams by analyzing data and developing user retention reports using SQL and Python
- Developed jobs to aggregate data on the usage of Shopify's analytics platform using PySpark and Python
- Developed Machine Learning model to classify user types based on variety of engineered features about consumer behaviour

Software Systems Lead [Waterloop](#), Waterloo, Canada

May 2017 – March 2018

- Responsible for managing over 30 software developers to create and deliver innovative design for the embedded and software in the Hyperloop the pod
- Wrote a research paper on the topic of Embedded-Systems in Hyperloop Pod describing design decisions in the system. Currently in publishing stage
- Created a Node.js web-socket server for bi-directional streaming of data from sensors on the pod to a group of remote devices, that allow to control the pod in real time

Full-Stack Software Engineering Intern [Adknown](#), Guelph, Canada

January 2017 – May 2017, co-op

- Developed time tracking Jira plugin by utilizing Atlassian API and AUI features to track/improve employees' efficiency
- Created backend and RESTful API for the time tracking plugin using PHP and SQL
- Designed and implemented interactive user interface to track time, provide records to management, run daily summary emails and send real time web-push notifications to employees tracking over time
- Developed a serverless web-push notification client utilizing AWS services such as Lambda and Dynamo DB to send out large batches of customizable notifications to many customers at once

Python Software Engineering Intern [Tionix](#), Kazan, Russia

May 2016 – September 2016

- Designed an autocomplete algorithm in Python to improve customer experience when controlling the cloud system through a command line interface
- Worked with open source projects such as PyMongo, Celery, OpenStack, Django, and Sphinx to implement an in-house cloud system solution`

Skills & Abilities:

- Experience in C, C++, Racket, Python, Java, SQL, JS, Node, HTML/CSS, AWS.
- Certificate of completion for Stanford's 11-week Machine Learning course
- Completed Deep Learning specialization from DeepLearning.ai, taught by Andrew Ng

Leadership & Awards:

- Won first place in UNICC 18 international business case competition
- Part of Laurier University's Digital Strategy JDCC team
- [First place](#) in QHacks hackathon 2017
- [First place](#) in RuHacks hackathon 2017

Side Projects:

- Android [Password management app](#)
- Proximity based Android [Chat app](#)
- Amazon Go sample implementation [EZShop](#)
- UWaterloo campus assistance chat bot [WatBot](#)
- Kaggle Titanic [data analytics challenge](#)
- Kaggle US shooting [analytics notebook](#)
- Snack classifier CNN model