

# Romodanovskiy Grigory

3A MATHEMATICS · ID: 20601687

Kitchener, ON, Canada

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## Experience

### TeamX Inc.

Kitchener, ON, Canada

BACKEND SOFTWARE DEVELOPER · 8 MONTHS CO-OP · OUTSTANDING

May. 2018 - Dec. 2018

- Implemented a microservice in Scala to do realtime ranking and prioritization of content.
- Optimized developer workflow, automated production builds using CI (CircleCI).
- Introduced and implemented back-end push notification support, implemented a push notification generator.
- Implemented log collection across back-end microservices to facilitate easier debugging.

### Rave Inc.

Kitchener, ON, Canada

BACKEND SOFTWARE DEVELOPER · 8 MONTHS CO-OP · OUTSTANDING

Jan. 2017 - Aug. 2017

- Expanded RESTful API server to provide support for multitude of new features (such as additional video providers - Netflix and Viki) for the app.
- Developed, built and deployed microservice infrastructure in Scala and Clojure utilizing Docker, CircleCI, Kubernetes, and GCloud stack (Kubernetes Engine (formerly Container Engine), Container Registry, Pub/Sub, Compute Engine, Buckets, Stackdriver), focusing on high-availability and fault tolerance.
- Redeveloped the logic behind sending push notifications to iOS devices to prevent lost push notifications and incorrect badge counts.
- Assisted teams in utilizing Graylog (a solution for analyzing and storing logs) for their microservices.

### Proficinema

Moscow, Russian Federation

SYSTEM ADMINISTRATOR

Jun. 2014 - Dec. 2014

- Assisted in system administration of Linux servers.
- Provided general IT support.

### Start-Polus LLC.

Moscow, Russian Federation

WEB DEVELOPER

Jun. 2013 - Sep. 2013

- Redesigned and updated corporate website.
- Implemented web-based order forms.
- Optimized contents of the website in order to be ranked higher in Google/Yandex search results.

## Education

### University of Waterloo

Waterloo, ON, Canada

CANDIDATE FOR BACHELOR OF MATHEMATICS (BS).

Jan. 2015 - PRESENT

- Received a University of Waterloo President's Scholarship of Distinction.

## Extracurricular Activity

### EVE Online Community Hub

CREATOR & LEADER

Jun. 2014 - Jan. 2018

- Led a team to develop a community hub.
- Developed authentication server using 3rd-party API (XML/JSON).
- Developed backend for the web portion of the hub (PHP/SQL).
- Coordinated development and integration of ejabberd open-source XMPP server into existing services.
- Coordinated integration of Teamspeak 3 voice communication software into existing services.

## Skills

**Backend** C/C++, Scala, PHP, Racket (Scheme), Clojure, SQL, Javascript (Node), Python

**Frontend** HTML, CSS, JavaScript, React/Redux Stack

**Technologies** Unix, Vim, Git, Postgres, Redis, Docker, Kubernetes, GCloud stack, Apache Thrift, QEMU/KVM

**Languages** English, Russian