

# Romodanovskiy Grigory

2B COMPUTER SCIENCE · ID: 20601687

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## Summary

2nd year co-op student at University of Waterloo. Primarily backend/infrastructure experience. Loves all things Unix. Knows how to exit Vim. Enjoys working with new technologies and considers himself semi-good at 'learning by doing' technique. Interested in solving challenging problems and optimising existing solutions should such need arise.

## Experience

### Rave Inc.

Kitchener, ON, Canada

BACKEND SOFTWARE DEVELOPER · CO-OP

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 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.
- Helped teams to setup their services to use Graylog (a solution for analyzing and storing logs).

### Proficinema

Moscow, Russian Federation

SYSTEM ADMINISTRATOR

Jun. 2014 - Dec. 2014

- Administered linux servers.
- Maintained SQL database.

### Start-Polus LLC.

Moscow, Russian Federation

WEB DEVELOPER

Jun. 2013 - Sep. 2013

- Redesigned corporate website.
- Automated creation of orders using web-forms
- Optimized text contents so the website would be ranked higher in Google/Yandex search results.

## Education

### University of Waterloo

Waterloo, ON, Canada

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE (BCS).

Jan. 2015 - PRESENT

- Got 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), SQL

**Frontend** HTML, CSS, JavaScript

**Technologies** Unix, Vim, Git, Postgres, Redis, Docker, Kubernetes, GCloud stack, Apache Thrift, gRPC, FCM, APNS

**Languages** English, Russian