

# Gregory Tretiakov

tretiakov@dal.ca +1 647-860-3930

Detail oriented and results driven computer scientist in the making available for contract work as well as short and long term projects. Collaborative and creative thinker who thrives under pressure and is constantly searching for the next problem or challenge to solve. Excellent communicator, with an innate ability to organize, analyze and interpret client requirements into comprehensive deliverables and work packages.

## Contact:

Github: @gregTret

LinkedIn: @gregorytretiakov

## Skills:

Professional:

- Java, SQL, Python, C/C++
- Bash, Unix, Aseba, Verilog
- HTML, CSS, JavaScript
- Assembly (x86 and MIPS)
- Android Studio

Languages:

- Fluent Russian
- Beginner German
- Fluent English
- Fluent French

## Extra-curriculars:

- Biking
- Intramural Soccer
- Skiing

References available upon request.

## Education:

Dalhousie University, Halifax, NS

2017 - August 2021

- Bachelor of Computer Science with a minor in Statistics
- Certificate in Communication Technologies and Cyber Security

Cégep de Jonquière, Jonquière, QC

Summer 2017

- 5 week cultural language immersion program

## Experience:

**Remote Software Developer** at BrandActive, Toronto, ON

2020 - Present

- On demand work to determine the source of errors in code used to facilitate data transfers and in PDF book automatic generation.
- Primarily work with C# and .Net applications, and interact with REST API's.

**Software Developer** at Dalhousie University, Halifax, NS

2019 - Present

- Presented a solution to a need presented by the Faculty of Psychology to build an online database to house references to articles.
- Identify, organize and manage a team of developers to build said database and its associated website.
- Developed code using php, html, JavaScript and SQL. Collaborated with other developers on the team to provide working updates to the faculty on the status of the project and implemented feedback provided in future project iterations.

**Teaching Assistant** at Dalhousie University, Halifax, NS

2019 - Present

- Lead labs as a Teaching Assistant for two courses at Dalhousie University.
- Systems programming low-level programming concepts such as Logic gates, Memory Addressing and Assembly Language.
- Create content and instruct in tutorials and labs, hold learning Center hours and offer tutoring to students within the course in addition to being present during lectures and facilitating a comfortable learning environment.
- The second course is Introduction to Robotics, a first-year course which introduces students to a very different side of programming.
- Host weekly labs and assist students in the learning of the Aseba programming language and with the programming of Thymio robots.

**Summer Camp Instructor** at York University, Toronto, ON

Summer 2018

- Created lesson plans and developed curriculum which I then taught to school aged students. I was responsible for classroom and volunteer management.
- Curriculum was all related to Science Technology and Engineering, with my own focus being on the preparation of computer science lessons.