





# O G I I V A N O V I C

## CONTACT

 +1-519-496-5291  
 ogiiivano99@gmail.com  
 www.ogiivanovic.com  
 206 Westvale Dr, Waterloo, Ontario

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## EDUCATION

### University of Waterloo

#### Bachelor of Mathematics, Mathematical Studies

2017-2023

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## SKILLS

### Technical

Excel, Word, PowerPoint, Confluence,  
Windows, Unix/Linux, Jira, Visual Studio

### Programming

Python, C++, HTML/CSS, SQL, Java, Git,  
Jira, Jenkins, Bash, shell scripting, Flask

### Soft Skills

Creativity, problem-solving, fast learner,  
teamwork, organization, communication

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## PROJECTS

### Project Euler

Top 1.82% out of 1.3 million users  
worldwide in most math-based  
programming algorithm problems solved.

### WorkList

Web app which generates resumes and  
finds the best jobs for the user depending  
on their skills and experience.

### Project Partner

Python script which helps students save  
and hand in their assignments quickly  
through the command line.

### Tutoring

Tutored university and college students  
for math, computer science and physics  
courses for 4 years.

## WORK EXPERIENCE

### Full-Stack Software Developer

Morgan Stanley

Jan - Apr 2022

- Developed Java production software for the Shareworks Equity Compensation Solution alongside a scrum team.
- Increased the functionality of the product application file managing system with the React JavaScript library.
- Participated in code reviews, testing, and debugging to ensure high-quality and bug-free software releases.

### Senior Online Learning Assistant

University of Waterloo

May - Aug 2020

Jan - Apr 2021

- Conducted workshops on learning technologies and resources for employees and students across campus.
- Developed Python scripts to collect, organize, and analyze data on student engagement in online course activities.
- Shared best practices in online learning through articles, reports, and webinars.
- Collaborated with faculty and instructors to review and improve online course materials, ensuring alignment with learning objectives and best practices.

### Software Engineer

Carbonite Inc.

Sep - Dec 2019

- Designed and implemented C++ production software for the Carbonite Server Backup Solution.
- Developed Jenkins and Powershell scripts to automate code analysis with Cppcheck, which resulted in 300+ errors found.
- Created unit tests with the Google Test framework.
- Actively engaged in agile development methodologies, including sprint planning, daily stand-ups, and retrospectives, to deliver software iterations on time.

### Software Developer

Nokia

Jan - Apr 2019

- Wrote production software in C++ to enhance feature functionality of the PSS product.
- Successfully debugged and refactored legacy code to improve functionality, performance, and maintainability.
- Increased efficiency and fixed existing issues on the product.
- Tested code in a simulator environment.

### Learning Support Representative

University of Waterloo

May - Aug 2018

- Developed Python scripts to automate tasks such as label creation and client personal information management.
- Analyzed survey data and produced statistical result reports.
- Provided comprehensive learning support to students and staff for the professional development courses offered by the university.