Ognjen Ivanovic

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Education

University of Waterloo
Bachelor of Mathematics, Combinatorics & Optimization
- Currently in third year.

Skills

Languages:
- C, C++
- Python
- HTML/CSS, Javascript
- SQL
- Racket
- Java

Other:
- Git, Jira, Confluence
- Jenkins, Bash, shell scripting
- REST API, JSON, Postman
- Flask
- Unix/Linux, Windows
- VS, Eclipse, NetBeans

Activities

Project Euler
- Top 3.03% out of 1 million users in most math-based algorithm problems solved.

Soccer Coaching Assistant
- Assist the national bronze medalist u17 girls team by developing the player's skills.

Competitive Soccer
- Top goal scorer of the Ontario Youth Soccer League West Division.

Work

Carbonite Inc. Sep - Dec 2019
Software Developer
- Designed and implemented C++ production software alongside a scrum team 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.

Nokia Jan - Apr 2019
Software Developer
- Wrote production software in C++ to enhance feature functionality of the PSS product.
- Increased efficiency and fixed existing issues on the product.
- Tested code in a simulator environment.

University of Waterloo May - Aug 2018
Learning Support Representative
- Developed python scripts to automate tasks such as label creation and client personal information management.
- Analyzed survey data and produced statistical result reports.

Projects

WorkList
- Web app which generates resumes and finds the best jobs for the user depending on their skills and experience.
- Developed the web app with Python and Flask.
- Used ML to generate the best resume for each specific job.

Chess AI
- Chess game built wit C++ using a chess AI algorithm.

Project Partner
- Developed a script which helps students save and hand in their assignments quickly through the command line.

Sorting Algorithm Visualizer
- Given the user's preferred sorting algorithm, the program will generate a random array and sort it while displaying each step.