Ognjen Ivanovic

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Education

University of Waterloo
Bachelor of Mathematics, Combinatorics & Optimization
- Currently in 2B.

Skills

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

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

Activities

Project Euler
- Top 3.5% out of 840 000 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 in 2017.

Work

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.

bQreative Oct 2016 - Aug 2017
Construction Assistant
- Obtained leadership skills by coordinating projects such as floor/tile installation and bathroom renovation.
- Enhanced team-work skills by assisting painters and roofers.

Projects

Internship Buddy
- A web app which scrapes job postings and matches users with the most compatible jobs based on their professional skills.

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

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

Multi-pod
- A phrase-by-phrase e-book reader optimized for speed reading.
- Displayed text on an LCD screen with the help of an arduino.

GPS
- Implemented a backtracking algorithm in Racket to calculate and display the shortest possible route between two locations.