HORATIU LAZU

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EDUCATION

University of Waterloo *Expected May 2021*
Double-Degree Computer Science & Business Administration

EXPERIENCE

Bluesun Inc. July 2016 - August 2016
Software Developer Intern *Burlington, ON*

· Worked on the Wealthserv Insurance Team, primarily on infrastructure
· Developed wrapper for open-source git-tf tool, adding parallel processing and multiple branches in C#
· Successfully migrated version control from TFS to Git, restructured Jenkins CI infrastructure to work with new existing version control system through Groovy scripting
· Extended Selenium C# API for automated testing on administrative side of Wealthserv
· Added various front-end filtering options in JavaScript for internal timesheet system

SpitStrips January 2016 - May 2016
Software Developer *Toronto, ON*

· Developed machine-learning program to calculate blood-alcohol concentration from an image of a Spit-Strip by applying linear and quadratic regression to increase accuracy on image readings
· Implemented an image imposing web application using jQuery / CSS

COMPETITIVE PROGRAMMING

HackerRank HourRank 9	*226th of 1966*
HackerRank RookieRank	*8th of 2932*
Google Code Jam 2016 Round 1c	*1436th of 27710*
Google Code Jam 2016 Round 1b	*2417th of 27710*
Google Code Jam 2016 Round 1a	*1849th of 27710*
Canadian Computing Competition 2016 Senior	*90th of 1225*
Canadian Computing Competition 2015 Senior	*50th of 1472*
Canadian Computing Competition 2014 Junior	*First of 1842*

PROGRAMMING KNOWLEDGE

Languages	Java, JavaScript, C#, C++, Scheme
Protocols & APIs	XML, JSON, REST
Databases	SQLite, MongoDB
Tools	Jenkins CI, Travis CI, Git, TFS, Mercurial