

Nicolas Znamenski

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Languages: French, English

Education	<i>BSc with Honours in Computer Science</i> University of Ottawa, Ottawa, ON, Third year student. Expected: 2020
Skills	<i>Languages & Frameworks:</i> C#, Go, Typescript, MongoDB, Java, Python <i>Technologies:</i> Experience with Git, CI, Docker, Kubernetes and Helm <i>Software:</i> Adobe Creative Suite, FL-Studio, Visual Studio, JetBrains
Experience	<div><div>Qlik COOP</div><div>January-August 2019</div><ul style="list-style-type: none">• Agile software development of microservices in written in go• Established a workflow and implementation for near-zero downtime mongoDB schema migration</div> <div><div>Cord3 Innovation Inc. COOP Internship (R&D)</div><div>April-August 2018</div><ul style="list-style-type: none">• Evaluating Cord3's RNG's randomness• Developed a proof of concept MS Word Add-in to add custom security attributes to selections from within a document</div> <div><i>Linux Server and cluster management:</i><ul style="list-style-type: none">• Personal server running docker containers for Plex, discord bots and development tools• Managing a Minecraft server network in a kubernetes cluster• Experimented with a cluster of 15 servers using Beowulf</div> <div><i>PC building and repair</i></div>
Projects	<div><i>Spotify2YouTube:</i><ul style="list-style-type: none">• Created a .NET app that lists your Spotify songs, then searches for the same songs on YouTube and allows you to automatically download, convert and ID3 tag all the songs from YouTube audio streams based on the best quality.</div> <div><i>Alexa Volunteer Callbell:</i><ul style="list-style-type: none">• Designed a callbell system based on the Alexa Voice Service, AWS Lambda and AWS SNS, sending contextual notifications to hospital volunteers• Established requirements and worked on the project in an Agile method</div>
Extra-Curricular involvement	<ul style="list-style-type: none">• Participated in the 2018 and 2019 CSGames - 3rd place in the CSE challenge• Participated in multiple CTF challenges: 1st place in a duo team, 2nd place in a duo team after tie-breaker and 4th place solo in the CyScott tryouts• <i>Meetup.com:</i> Participate in meetups as part of the "Ottawa IT Community"• <i>Class Representative:</i> 1st year representative in university• Video club in the Lycée Français in Vienna. Learned the basic film-making techniques and video editing. Shot a few short films as well as the yearly show