

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 ESXi, Git, CI, Docker, Kubernetes and Helm <i>Software:</i> Adobe Creative Suite, FL-Studio, Visual Studio, JetBrains
Experience	<div><div>Global Affairs Canada COOP</div><div>September-December 2019</div><ul style="list-style-type: none">Working in a security-conscious environmentCI/CD Pipeline development using ansible and gitlab CIContainerizing existing python app into portable docker containers</div> <div><div>Qlik COOP</div><div>January-August 2019</div><ul style="list-style-type: none">Agile software development of microservices in written in goEstablished 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 randomnessDeveloped 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 ESXi management:</i><ul style="list-style-type: none">Personal server running esxi and docker containers for Plex, discord bots and development toolsManaging a Minecraft server network in a kubernetes clusterHome automation system using HomeAssistant and Hassio</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 volunteersEstablished 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 challengeParticipated 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>Class Representative:</i> 1st year representative at uOttawa