Nicolas Znamenski

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Languages: English, French

Education	*BSc with Honours in Computer Science* University of Ottawa, Ottawa, ON, Second year student. Expected: 2020
Skills	*Languages & Frameworks:* Python, Java, Typescript, MongoDB, .NET *Technologies:* Experience with VCS and continuous integration *Software:* Adobe Creative Suite, FL-Studio, Visual Studio, Jetbrains

Experience

Cord3 Innovation Inc. *COOP Internship (R&D)*   April-August 2018
- Evaluating Cord3's RNG's randomness
- Developed a proof of concept MS Word Add-in to add security attributes to selections from within a document

FlameAccounts.com *IT and customer support consultant* February-August 2017
- Developed an API uptime checker, automatic email change accept script and database query scripts to better help stock management in Python and Java
- Installing and configuring a ticket based support system (OSTicket)
- Answering support requests from clients
- New product and service development

Linux Server and cluster management:
- Personal server for Plex, several discord bots and development
- Experienced a bit with a cluster of 15 servers in one network using Beowulf

PC building and repair

Projects

Spotify2YouTube:
- 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.

Alexa Volunteer Callbell:
- 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 using AGLIE SCRUM method

Extra-Curricular involvement
- Participated in the 2018 CSGames
- 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
- *Meetup.com:* Participate in meetups as part of the "Ottawa IT Community"
- *Class Representative:* 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