

Jonathan Vidal

(613) 219-2953 | jonathanvidal2@gmail.com

EDUCATION

Bachelor of Computer Science

September 2015 – April 2020 (Expected)

Minor in Mathematics

CGPA: 10.51 (A-)

Carleton University

Ottawa, ON

WORK EXPERIENCE

Teaching Assistant

May 2019 – June 2019

Carleton University

Ottawa, ON

- Ran tutorial sessions for groups of 50 students.
- Held weekly office hours and workshops for students.
- Graded assignments and tests and gave appropriate feedback.
- Assisted professor with development and delivery of course material.

Software Engineer (Co-op)

September 2018 – December 2018

Nokia Corporation

Kanata, ON

- Worked as a back-end Java web developer for the Smart Plan Suite, a 5G ready policy control and real-time rating and charging system for international telecommunication providers.
- Implemented RESTful SOAP web services in Java to provide diagnostics information for each server-side component of the SPS product, returned in JSON.
- Implemented logging to the SPS Heartbeat service to provide clear reporting of errors to the developers to minimize impact and downtime of web services.
- Implemented Bash scripts to upgrade Aerospike NoSQL databases for a distributed system for a live demo of the SPS product to a high profile telecommunications provider in New Zealand.

IT Developer (Co-op)

May 2017 – August 2018

Canada Revenue Agency

Ottawa, ON

- Implemented new automated deferral and suspension systems for taxpayer NETFILE submissions using Java Enterprise JavaBeans and Oracle WebLogic technologies, deployed for the 2018 tax year.
- Maintained and re-implemented legacy Java EJB components and SQL queries to improve performance for all T1 server applications.
- Held meetings with clients and created UML diagrams and full documentation to design solutions to transferring large collections of taxpayer data between tax centers across the country.

LINKS

Github

[jonathan-vidal](#)

LinkedIn

[jonathan-vidal](#)

LANGUAGES

Programming

10,000 or more lines

Java

5,000 – 10,000 lines

Python, C++

1,000 – 5,000 lines

Javascript, Haskell, Prolog

Markup

HTML, CSS, LaTeX

Spoken

English, Spanish, French

TECHNOLOGIES

Git, SQL, Bash, NodeJS,

MongoDB, JIRA, Ant, Gradle

GENERAL SKILLS

Team leader

Dedicated

Goal-oriented

EXTRACURRICULAR

Member of the Carleton
Computer Science Society

Took part in a weekly
Dungeons and Dragons
campaign