**PIERRE BOERKOEL**

Year 4, Computer Science

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**Technical Projects** <https://github.com/PierreBoerkoel>

**Computer Languages:** Go, Java, C++, Ruby, JavaScript

**StorageGRID Monitoring (January 2019):** Created a monitoring stack for StorageGRID.Involved use of Docker for deployment of the stack, as well as ElasticSearch, Logstash, andGrafana for functionality.

**FlappyBird (June 2018):** Created a version of the once popular Flappy Bird game in Java. This involved work on both the backend and frontend, as well as some work with git and Terminal.

**Blog (May 2018):** Followed a tutorial by Bruno Boehm for the creation of a Ruby on Rails blog app deployed with Heroku. The tutorial involved learning MVC architecture.

**Technical Work Experience**

**Software Developer Intern,** NetApp September 2018-May 2019

* Experience with Agile development methodology
* Implementation of various frontend and backend features as well as associated unit tests in StorageGRID.
* Significant experience with AWS SDK as our team implemented support for Cloud Storage in the StorageGRID product
* Gained experience with Go, Ruby, JavaScript and C++ as well as with RESTful interfaces

**Education**

**University of British Columbia** Vancouver, BC

***Bachelor of Computer Science, 4th year***  September 2017-May 2020

***Bachelor of Science, Major in Biology***  September 2012-May 2017 Graduated with Distinction

**Awards**

**NSERC Experience Award ($4500)** 2019

**J Fred Muir Memorial Scholarship in Science ($425)**  2018

**UBC English Department David Macaree Prize ($600)** 2018

**NSERC Undergraduate Student Research Award ($4500)** 2017

**NSERC Undergraduate Student Research Award ($4500)**  2016

**Canadian Glycomics Network Summer Award for Undergraduates ($4500)** 2016

**NSERC Undergraduate Student Research Award ($4500)** 2015