

Anthony Sandrin

<http://sandrin.me> - anthony@sandrin.me

Education

The University of Waterloo - B.C.S. Candidate 2019

- 2B Computer Science - Dean's Honours List
- 97.8% MAV - 91.1% CAV

Experience

NVIDIA - CUDA Software Engineering

January–April 2016 - Santa Clara, CA

- Implemented an efficient deconvolution kernel for the cuDNN deep learning library
- Added cuDNN RNN bindings to the Torch deep learning framework
- Improved CUDA kernel code for the cuFFT CUDA library

Primate Labs - Software Developer

May–August 2015 - Toronto, ON

- Used C++ and x86 assembly to develop and optimize CPU benchmarking workloads
- Programmed for GPGPUs using CUDA, OpenCL, and OpenGL

Projects

XKCD Widget - January 2015

- An Android home screen widget to display the latest XKCD comic - Available on Github

C Memory Allocator - December 2014

- A memory allocator for Unix operating systems written in C - Available on Github

Open Source

Atom Text Editor - August 2014

- Improved vim command support in the Atom Text Editor

Programming Skills

Professional

C++ - C - x86 Assembly - Lua - Python - CUDA - OpenCL - OpenGL - Linux - Git - Perforce

Hobby

Java - Rust - Ruby - Scala - Haskell - Scheme - Perl - C# - Javascript - CSS - HTML5

Hackathons Attended

HackMIT 2014 - UofT Hacks 2015 - McHacks 2015 - Hack Western 2015

github.com/anthonysandrin - linkedin.com/in/anthonysandrin