

# Conrad Christensen

## WORK EXPERIENCE

SEPTEMBER 2017 – PRESENT

New York University

### *Research Assistant*

Experience contributing and leading research projects in the area of machine learning systems, and systems application of machine learning. Projects include automatic optimization of distributed neural network computation, and learned concurrency control for DBMS.

JANUARY 2018 – DECEMBER 2018

New York University

### *Teaching Assistant, Grader*

Teaching recitation, grading, holding office hours, and creation of lab material. Development of automated grading tool: automatically pulls assignments from GitHub, grades them, and pushes grades back to student repositories.

SEPTEMBER 2015 – JUNE 2016

Colorado State University

### *Undergraduate Research Assistant*

In collaboration with the Department of Homeland Security, the Distributed Systems Group worked to create real-time exploration of large scale epidemiological data. Using machine learning techniques and distribution of large data workloads we worked to create a tool for a user friendly exploration of what-if questions in agricultural disease spread data.

SUMMER 2015 AND 2016

Colorado State University

### *MACS Summer Camp Instructor*

MACS is a program funded by the National Science Foundation that provides math education to middle school students. The program uses the field of Computer Science as a means of addressing the importance of math. The camp attendees are Native American middle school students from Cortez, CO.

SUMMER 2015

Northrop Grumman and Colorado State University

### *STEM Summer Camp Instructor*

Northrop Grumman hosts a STEM/Cybersecurity summer camp where students from a selected Colorado school district learn and gain experience in a STEM (Science, Technology, Engineering and Math) field.



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## EDUCATION

2017 – PRES. **Computer Science, M.S.**

4.0 GPA

New York University

2014 – 2017 **Computer Science, B.S.**

3.82 GPA (4.0 IN CS)

Colorado State University

## NOTABLE COURSES

GRADUATE Honors Algorithms,  
Distributed Systems,  
Advanced Database Topics,  
Deep Learning

UNDERGRADUATE Algorithms, Compiler  
Construction, Big Data,  
Distributed Systems,  
Machine Learning

## TEACHING EXPERIENCE

2018 **Basic Algorithms**  
New York University

2018, 2015 **Computer Systems  
Organization**  
New York University, Colorado  
State University

## TECHNICAL SKILLS

LANGUAGES Python2/3, Java, C++, C, Bash,  
JavaScript

LIBRARIES Tensorflow, MXNet, PyTorch,  
D3js, OpenCV, Boost

TOOLS, OS git, GitHub, gcc, ~~TeX~~TeX,  
GNU/Linux, OS X, NVIDIA NGC,  
Amazon AWS

## PERSONAL

My primary interests in computer science include machine learning, distributed and database systems. More personally I am interested in computational complexity, computability, and other theoretical topics.