

Amadou L. Ngom

Senior Computer Science Major

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EXPERIENCE

Pure Storage, Mountain View

Summer 2018

I worked on optimizing data transfer between Pure Boxes and Amazon S3.
I learned a lot about writing performant code.

Zillow, Seattle

Summer 2017

I worked both as a front-end developer and as a back-end developer. I not only gained technical skills, but also crucial industry experience.

Distributed Systems TA, CMU

Spring 2018, Fall 2018

SKILLS

Distributed Systems
Computer Graphics
AI and Machine Learning
Web Development

Programming Languages

C/C++, Java, Go, Python,
HTML/CSS/JS/React, SML

LANGUAGES

English
French
Wolof

EDUCATION

Carnegie Mellon University, Pittsburgh

Bachelor of Science in Computer Science
Class of 2019
QPA: 4.0 / 4.0

Relevant Coursework: Research Practicum in CS (15-400, Spring 2018),
Database Systems (15-445, Fall 2018), Distributed Systems(15-440,
Spring 2017), Computer Graphics(15-462, Spring 2017), Machine
Learning (10-601, Fall 2017), Artificial Intelligence(15-381, Spring 2017)

Prytanée Militaire de Saint-Louis, Senegal

Baccalaureate
Graduated July 2014
Best student in Senegal Award

Research

Eviction Policies for Erasure Coded Systems

As part of my Research Practicum in CS class (15-400), I investigated the performance of eviction algorithms in erasure coded systems, specifically the EC-Cache developed by Professor Rashmi Vinayak.