

Cooper Pellaton

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Education

Georgia Institute of Technology
 BS Computer Science *May 2019*

Relevant Coursework:

Computer Architecture, Algorithms,
 Combinatorics, Compilers,
 Operating Systems

Extracurricular Activities:

President of Great Conversations,
 Financial Advisor to HackGT

Facts

Recipient of 1 US patent.

Attended 10+ hackathons.

Contributor to open source
 projects such as Nylas N1, Nylas
 Sync Engine, FastMail's
 JMAP specification, JMAP-Server,
 JMAP (Perl), and Intel-Caffe.

Skills

Programming

Python, Node.js, TensorFlow,
 Torch, Java, C,
 MEAN & LAMP Stack, Spark

Languages

English, French, Mandarin

Interests

Healthcare, particularly the intersec-
 tion of technology with the patient
 experience.

Large-scale, difficult, distributed
 problems that relate to CV, ML and/or
 Deep Learning.

Work Experience

Chief Scientist - Video++

Summer 2017

Travelled to Shanghai, China to serve as the Chief Scientist for Video++ (\$300M USD evaluation). Lead a team of 15 people working on core product (ML/DL & CV for video advertising).

Shipped a 10x speed improvement to the core processing pipeline and algo-
 rithm. Architected an entirely new pipeline with 100x performance in 1 month.

Software Developer - Cigna

Summer 2016

Worked on the Software Engineering & Innovations (SE&I) team to ship a con-
 tinuous integration pipeline, internal dashboard and developed a proof of concept
 for an elderly healthcare project.

Worked directly with IT VP Eric Consolazio on a corporate project currently under
 NDA.

Personal Projects

Highlights

Python, Tensorflow

2nd place at YHACK 16 and winner of the A+E Challenge.

YouTube powered by ML and CV to extract key contents of videos and present
 them to end user.

Judgd

Node.js, Python, TensorFlow

HackGT 2016 (won best use of AWS). Deep learning hack that uses Devpost sub-
 missions to predict hackathon winners. Model composed of 52K points.

PGE – Pretty Good Email

Javascript, Node.js

A local PGP mail encryptor designed to step into the FastMail HTTP stack and
 integrate with Keybase.

HOTLINE-BING

MEAN Stack, Twilio, Priceline API

YHACK 2015 (won two API-challenges). An SMS service that lets you search Bing
 or book a hotel using Priceline.

PrintShare

Node.js, .NET

An EMR interoperability hack which leverages printing,
 postscript and AWS Lambda to exchange medical records freely.

Node.js Lambda Trigger

Node.js, AWS Lambda

Node.js module that will allow one to create presigned AWS S3 urls using AWS
 Lambda. One's API in a module.