

AI and Deep Learning applications in Industry

Kathy Copic

VP, Growth

The Insight Fellows Program

insightdatascience.com | insightdataengineering.com

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750+

DATA SCIENTISTS AND
DATA ENGINEERS

INSIGHT

Insight Fellows are Data Scientists and Data Engineers at:



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Analytics
& Decision
Science

Machine
Learning
Engineering

AI &
Deep
Learning

Data
Engineering

Analytics & Decision Science

Analytics,
experimentation,
visualization

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Machine Learning Engineering

Products
where Data is at the
Core



AI & Deep Learning

When the
usual tools just
won't do

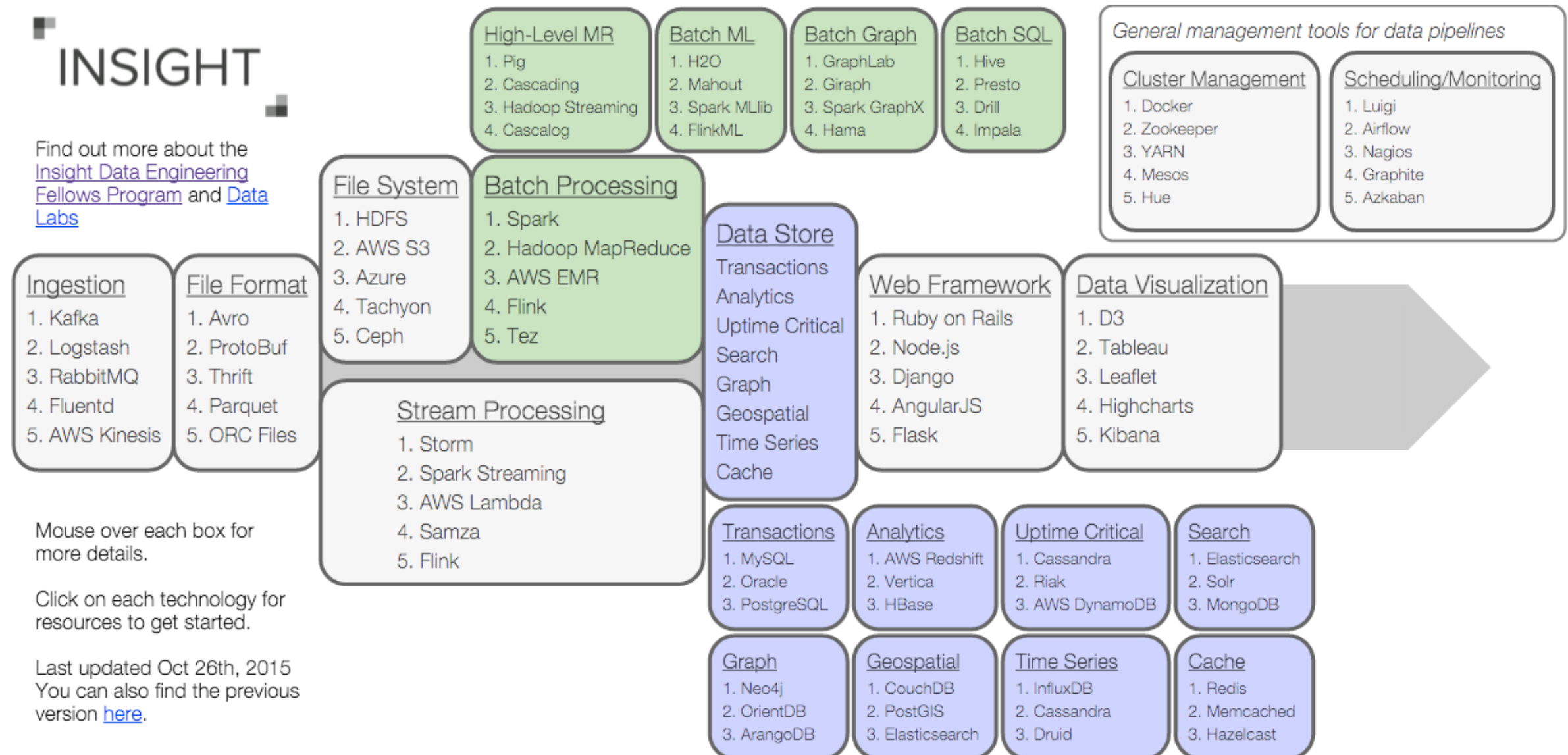


Data Engineering

Volume
Velocity
Variety



Find out more about the [Insight Data Engineering Fellows Program](#) and [Data Labs](#)



Insight Alumni in AI roles



Justin Gilmer

Deep Learning Resident,
Google Brain

Insight Fellow Winter 2015



Melissa Runfeldt

Machine Learning Engineer,
Salesforce Einstein

Insight Fellow Summer 2016



TJ Torres

Deep Learning Data Scientist,
Stitch Fix R&D

Insight Fellow Summer 2015



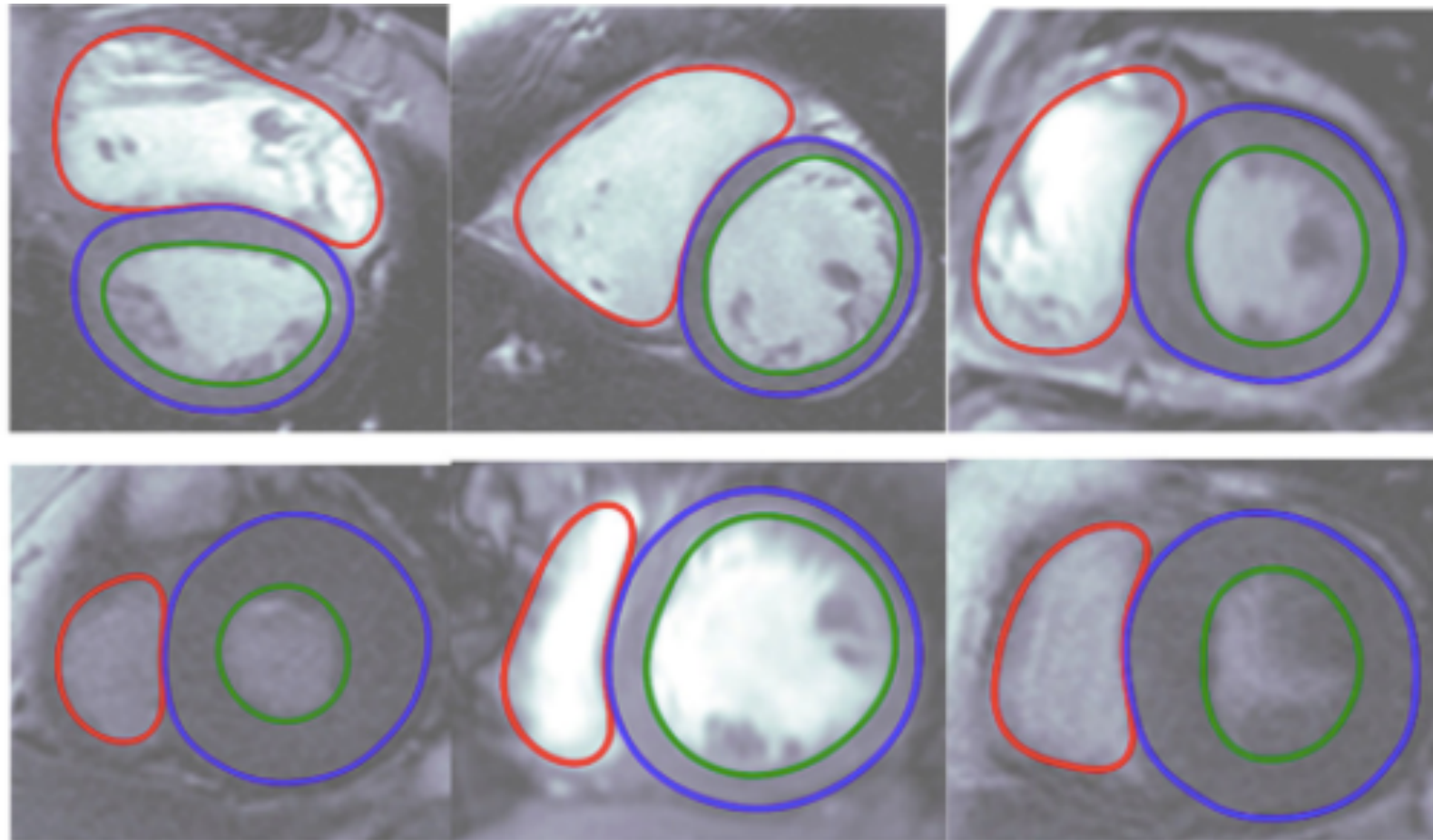
Alex Gude

Deep Learning Data Scientist,
Lab41, an IQT Lab

Insight Fellow Summer 2015



Arterys Receives FDA Clearance For
The First Zero-Footprint Medical
Imaging Analytics Cloud Software
With Deep Learning For Cardiac MRI

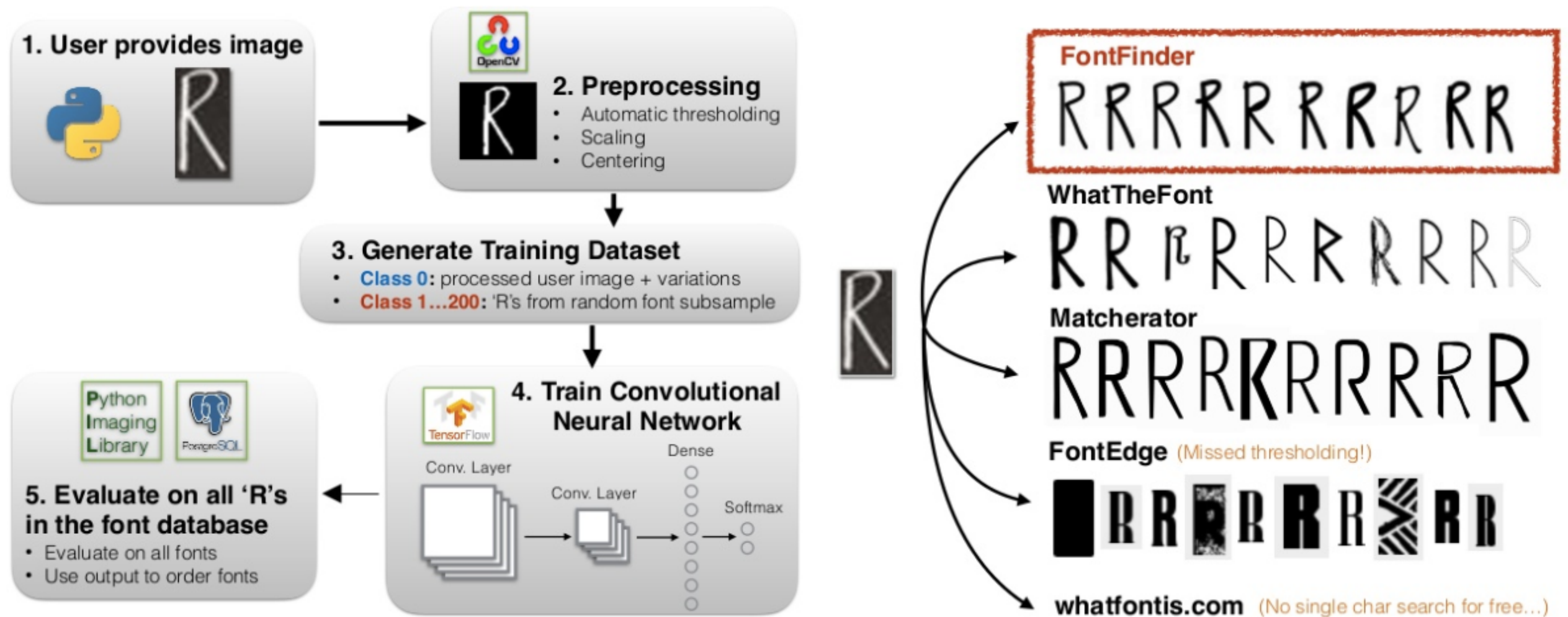




Orbital Insight



Font Finder - a deep learning based font search engine

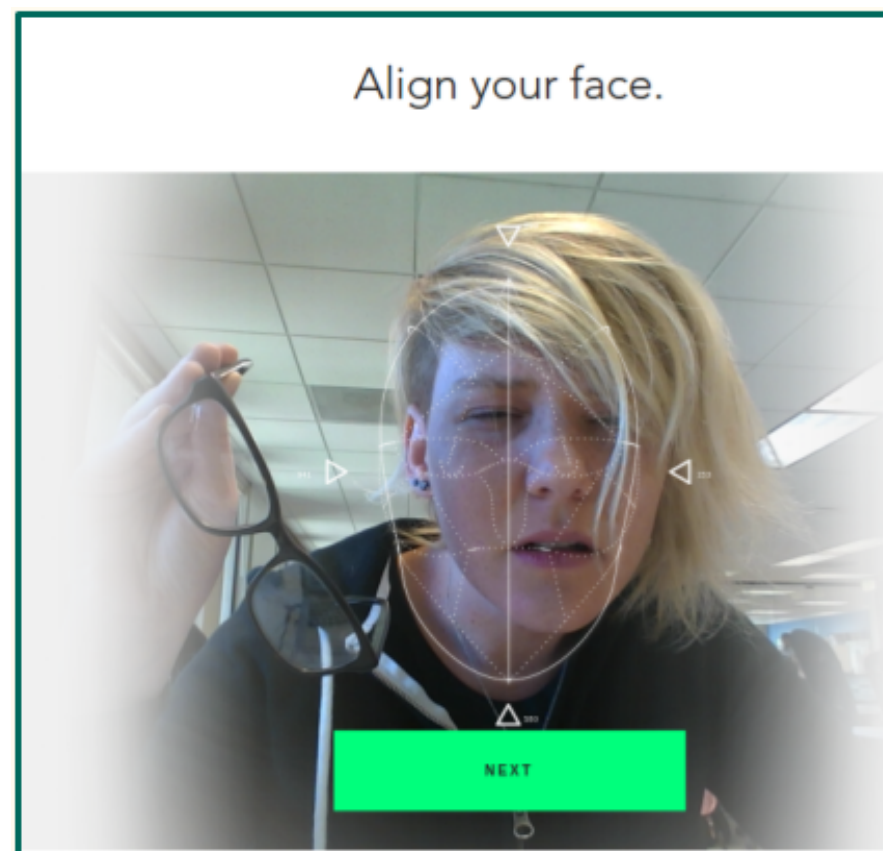
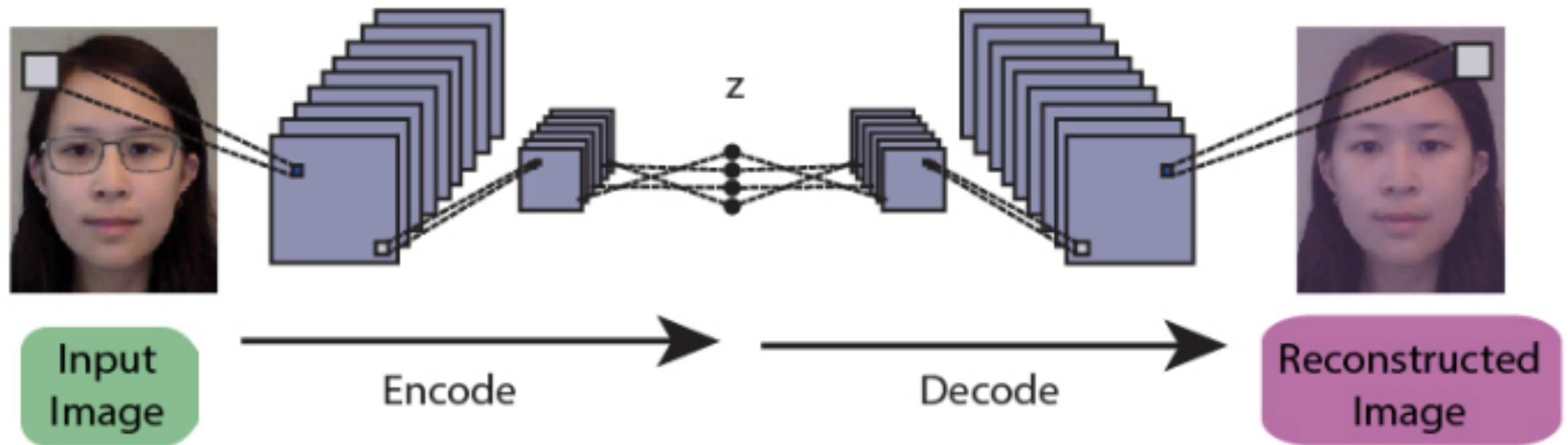


Michel Trottier-McDonald, ATLAS, now at Opendoor

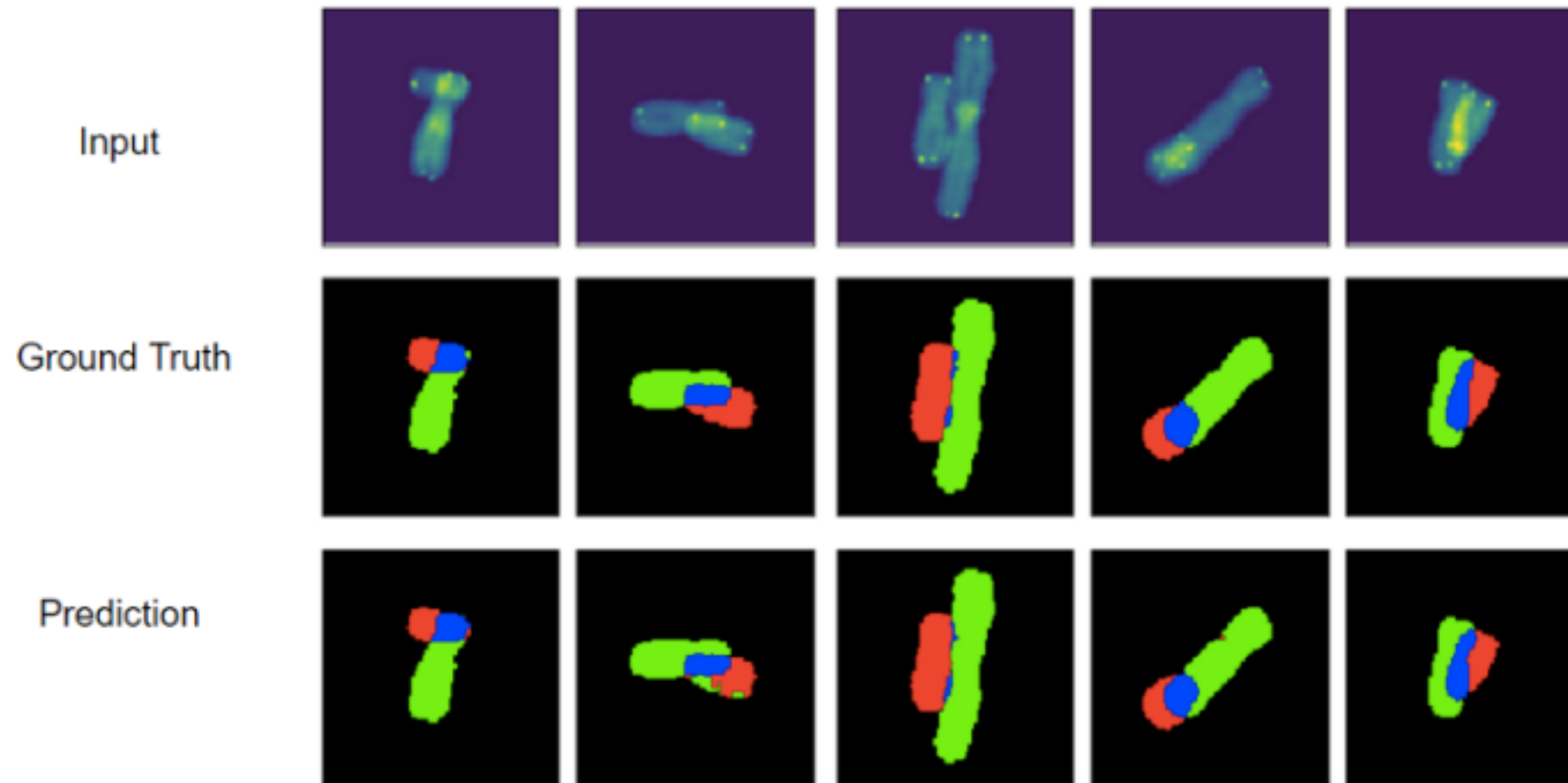
iSee Method

Face **With** Glasses

Face, **No** Glasses



Separating Overlapping Chromosomes with Deep Learning



AI•ON
Artificial Intelligence
Open Network

Who are AI Professionals?



AI Researcher

AI Engineer

Baidu

1000 person team

ML experts from academia, prototype models

ML engineers from industry, put models into production

Facebook AI Research (FAIR)

Research Scientist: PhD, postdoc, many publications

Research Engineer: Master's, exposure to ML/AI



Ian Goodfellow @goodfellow_ian · Dec 11

#rocketai definitely has the most popular Jacobian-Optimized Kernel Expansion of NIPS 2016



6



42



214



Metrics for the Rocket AI launch party

Email RSVPs to party: 316

People who emailed in their resume: 46

Large name brand funds who contacted us about investing: 5

Media: Twitter, Facebook, HackerNews, Reddit, Quora, Medium etc

Time Planning: < 8 hours

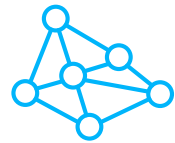
Money Spent: \$79 on the domain, \$417 on alcohol and snacks + (police fine)

For reference, NIPS sponsorship starts at \$10k.

Estimated value of Rocket AI: *in the tens of millions.*

INSIGHT

PROGRAMS



DATA SCIENCE



DATA
ENGINEERING

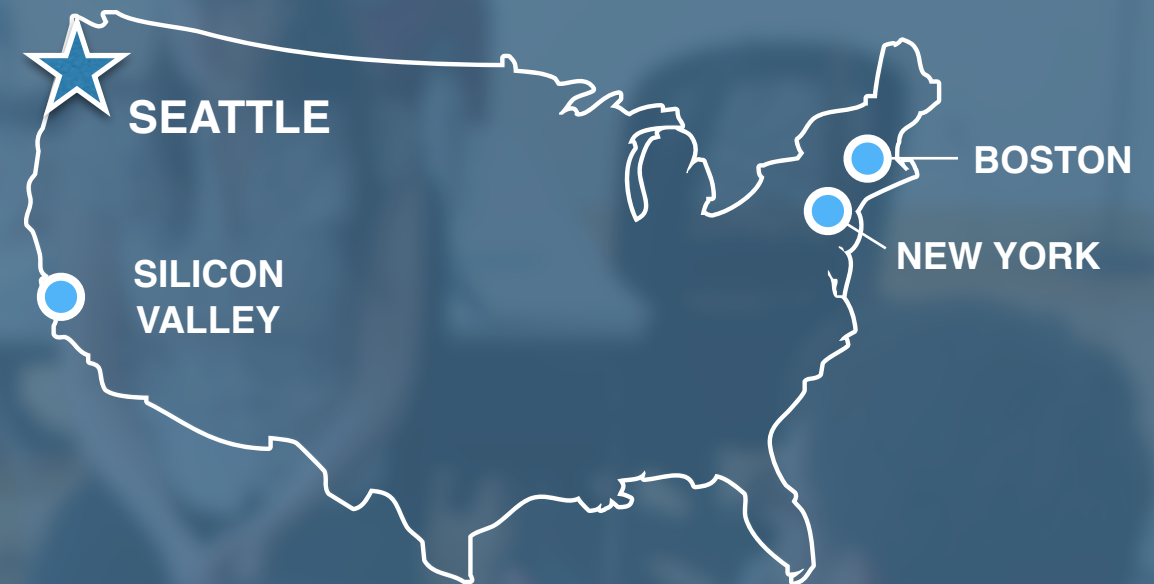


HEALTH DATA



ARTIFICIAL
INTELLIGENCE

LOCATIONS



+ REMOTE

Upcoming Session for AI NYC + Seattle: July 17

Application Deadline: May 22

All other sessions: Sept 5 — *Application Deadline: June 27*

Questions?

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@KathyScientist



Academia to Industry

Challenges academics face when making the transition

