# The Future of Serverless in Industry and Academia

## Serverless ML in Everything

- Even the smallest devices rely on remote computation and knowledge bases
- Constant interaction between disparate systems at much higher level (NLP is the new API?)

## Openness vs IP

- Companies will continue to release openly-usable code, but their best developments remain closed
- Meterable, authenticated execution is key to interoperability and growth

## Developers

- FaaS as natural as local functions, thanks to IDE Integration, OpenAPI, reduced latency, low costs
- Zero-setup access to all langs / most frameworks
- Open Execution as important as Open Source

## Students, Researchers, Instructors

- ML tools at their fingertips: advanced analysis as easy as using spellcheck
- Cheap/free computation & supporting resources, provided more by industry than institutional IT
- Natural sharing of their research in immediately usable, executable form
- Easily build on others' work

ALGORITHMIA

Making state-of-the-art algorithms **discoverable** and **accessible** to everyone

Jon Peck

jpeck@algorithmia.com

@peckjon