The Cognitive Developer
Empowering a New Era of Computing

Bob Lord
Chief Digital Officer
In 1995, IBM became a key contributor to Java, helping to evolve Java to unleash its potential and offer a more dynamic browsing experience in the Internet era.

Top contributor to Linux and Open Source. $1B investment in Linux, ongoing contributions to Open Source and Hyperledger, including 44K+ lines of code.

Furthering commitment to Open Source. Putting 3,500+ IBM researchers and developers to work on Spark-related projects and educating 1 million data scientists.
Cognitive computing is the system of the future. Developers will code what needs to be learned. The machine will learn what needs to be coded.

A New Era of Computing

- 42% of developers worldwide made purchasing decisions in 2016\(^1\)
- 75% of developer teams will include cognitive/AI functionality in one or more applications/services by 2018\(^2\)
- 110M consumer devices with embedded intelligent assistants will be installed in U.S. households by 2019\(^3\)
Solving the next generation of problems requires a new set of skills
A Conversation

Joshua Browder
Academic Developer
DoNotPay.co.uk

Brandan Wright
Vice President
Topcoder
IBM is building the skills of the future. Through learning opportunities, new certifications and community building – we are defining what it means to be a “Cognitive Developer.”

Fostering a New Type of Developer

IBM Watson Academy, DeveloperWorks and the Learning Lab

40K tutorials, training and online resources

1.9K applicants to Watson + Udacity AI Nanodegree Program

250 schools engaged in the Watson University Program

1M developers will have access to Watson through partnership with Topcoder and others
Sources

2. IDC FutureScape: Worldwide IT Industry 2017 Predictions