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&
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Building smart AI assistants to transform the competitive landscape of the IoT market

We're in an exciting era of computing beyond the boundaries of mobile phones. Let's face it, app development has hit a wall, smart home adoption is slow and developers are hungry for the next big thing. There's a huge market opportunity for developers in the IoT industry with AI assistants. We're on the cusp of a new economy driven by AI assistants, which provide a 24/7 consciousness that learns from users' personal data to identify patterns and anticipate problems. Today's smart home products are too dumb to create actual value for mass consumer adoption. Consumers don't need more devices to make their lives more convenient, they instead need personalized AI-enabled software services designed to meet their individual needs. AI assistants enable service providers the opportunity to deploy sophisticated machine learning-based services. With pattern behavior analysis from deep-learning algorithms that mimic the human brain, AI assistants track adjustments to smart home devices, like smart lighting or connected thermostats, and automatically adapt to consumer's routines. They enable reoccurring micro-services, like monitoring energy usage, that don't require a phone screen like apps do. AI assistants deliver smart home services beyond simple screen interactions and get deeper into people's lives to better manage their personal and home preferences. The author will demonstrate how to create AI assistant services, leveraging open source tools and IoT platforms. He'll focus on the architecture of AI assistants, forming a representative business model which can incorporate intelligent assistants and coordinating devices and data sources to make products work intelligently together.

Biography

David Moss is the President, CTO, and Co-founder of People Power Company. His talents span the full technology spectrum, including hardware design, embedded firmware, wireless sensor networks, cloud platforms, mobile apps, user experiences, product management, and business development. Prior to People Power, he worked with Bitfone Corporation as both as Java Developer and Firmware Engineer, where he integrated Bitfone's revolutionary over-the-air firmware updates into tens of millions of Motorola phones. His open source contributions have been used by thousands of developers around the world

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