

# JONATHAN ROSS

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## EDUCATION

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**Duke University** Durham, NC  
BS Electrical Engineering

## EXPERIENCE

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**JIBO, INC** Boston, MA

*Chief Architect* April 2018 - June 2018

- Did stuff

*Chief Robot Architect* November 2017 - April 2018

- Other stuff

*Head of SDK* Jan 2015 - November 2017

- Overall architect and SDK team lead.
- Hired, built, and led a talented team of engineers and QA testers responsible for development of Jibo's SDK, which include visual behavior editors, NLU and dialog tools, animation tools, and a full featured simulator.

*Software Engineer* November 2012 - Jan 2015

- Second employee and first engineer at Jibo
- Ideated and pitched
- Responsible for building 2 prototype robots. Worked full stack writing everything from microprocessor firmware to high level behavioral engines.

**ZYNGA** San Francisco, CA

*Principle Software Engineer* May 2011 - October 2012

- Tech lead and server and client side engineer for ChefVille.
- Developed RAD, a UI framework that became the standard at Zynga and localized into 18 different languages, including languages read right to left.

*Senior Software Engineer* March 2011 - May 2011

- Client and server side engineer for CafeWorld and CityVille.

## PATENTS

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**Apparatus and methods for providing a persistent companion device**

United States Patent Application 20,150,314,454

Filed July 15th, 2015

**Persistent companion device configuration and deployment platform**

United States Patent Application 20,170,206,064

Filed March 30th, 2017

**System and Method for Integrated Hardware Platform for Flash Applications with Distributed Objects**

Patent No.: US 8,924,989 B2

Granted December 30th, 2014

## SPEAKING EVENTS

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**Babson** November 2017 - Present

Recurring guest lecturer for entrepreneurship classes

**Github Universe** February 2016

Building a Social Robot with Atom and Electron

**SpeechTek** August 2015

Building Skills for a Conversational Robot

**Exploring Computer Science** April 2010

Program targeting high school students meant to increase the number of minorities and women who gain exposure to engineering.

**USC GamePipe Laboratory**

November 2009

Speaker for seminar series on game AI and physics

AWARDS

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**CTO Award**

Zynga

For the development of the RAD UI framework

**Disney Inventor Award**

Disney

Walt Disney Inventor Award for ToyBridge