

**Rob Dickerson**  
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**EDUCATION** Truman State University, Kirksville, MO  
Graduated May 2006  
B.S. in Computer Science, Mathematics (Double Major)

**EXPERIENCE** Mado Labs, Inc. July 2017 – Present  
*Lead Android Engineer*

- Building software and an engineering team for a Brooklyn-based tech startup. (The company is still in pre-launch stealth mode; NDAs prevent a more detailed description of work.)

EnCircle Technologies September 2017 – December 2017  
*Java Instructor*

- Teaching a weekly introductory Java class to young adults with autism spectrum disorders.

Riot Games August 2016 – April 2017  
*Senior Software Engineer*

- Worked on the Social Play initiative to build products that facilitate social interaction between players.
- Built internal development and deployment tooling for the Infrastructure Platform team.

Square, Inc. November 2010 – August 2016  
*Software Engineer / Engineering Manager*

- Built significant parts of multiple Square apps for Android, including the flagship Register app.
- Wrote the Android DSP code for Square's first encrypted reader.
- Served as technical lead for Square's merchant referral program.
- Served as an engineering manager for cross-functional teams responsible for onboarding infrastructure and organic growth initiatives.
- Designed and implemented APIs for third-party mobile developer integration.

NISC June 2006 – November 2010  
*Software Specialist / Senior Software Specialist*

- Built Java applications for electric utility and telecommunications cooperatives to track outages, plan new construction, and schedule resources.
- Developed a system to allow utility engineers to create, concurrently modify, and share large graph data structures representing detailed models of electric utility networks.
- Wrote algorithms to schedule and route work crews based on shared job queues.
- Formed and led a Scheme / SICP study group. Gave technical talks on functional programming to engineering staff.

**WEB** <http://robd.io>