

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.)

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 platform products and tools 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.
- Wrote some of Square's first backend payments gateway code.
- Served as technical lead for Square's merchant referral program.
- Served as engineering manager for cross-functional teams focused on onboarding infrastructure and organic growth initiatives.
- Designed and implemented mobile APIs for third-party developer integration.

National Information Solutions Cooperative June 2006 – November 2010
Software Specialist / Senior Software Specialist

- Built Java client-server 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.

Columbia Department of Water and Light Summer 2005
Summer Employee

- Designed and implemented systems for analyzing residential energy usage audit data and tracking residential load management switch maintenance.

WEB Website <http://robd.io>
Github <http://github.com/rcdickerson>