

# Matt Piercy

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## Experience

Software Engineer (08/16-Present)

Lob, *San Francisco, CA*

- One of four engineers to design, implement and maintain a CASS-certified address verification API, to monetize Lob's most frequently used API endpoint.
- Owned much of the data layer, utilizing the ELK stack to ingest and transform large amounts of address data into tens of millions of searchable records.
- Improved Logstash ingestion time by 1600%, allowing the team to iterate faster after Elasticsearch schema changes.

Software Engineer (10/15-08/16)

Lark Technologies, *Mountain View, CA*

- Actively contributed to design, development and refactoring of Lark's AI conversation engine, taking ownership over the data persistence layer.
- Designed partner-facing tools to strengthen partnerships and increase revenue, as well as internal tools to increase productivity and drive product growth.

## Skills

Javascript · Node.js · Elixir · ELK Stack · PostgreSQL · git · Ruby/Rails · HTML/CSS · Backbone

## Personal Projects

AAPOD · [Live](#) · [Backend \(GitHub\)](#) · [Frontend \(GitHub\)](#)

*Small app inspired by NASA's Astronomy Picture of the Day (APOD)*

- Works around restrictive rate limits of APOD API by uploading assets to S3 and stores data in AWS RDS.
- Frontend and Backend projects both hosted on Heroku.

Snake · [Live](#) · [GitHub Repo](#)

*Javascript replica of the classic game*

- Animates snake motion through jQuery manipulation of page elements.
- Installs a browser cookie to keep track of local high scores.

RubyWeb · [GitHub Repo](#)

*A small MVC web framework implemented in Ruby*

- Provides ControllerBase class which allows users to redirect, render, store cookies, and flash messages, as well as CSRF protection by using authenticity tokens.

## Education

UC Berkeley (2009-2013)

*B.A. Mathematics, B.A. Physics · GPA: 3.65*

- **Curriculum Highlights:** Linear Algebra & Differential Equations, Logic, Circuits & Electronics, Data Analysis, Matlab & Labview Programming.

AppAcademy (Summer 2015)

- Intensive full-stack web development boot camp with <5% acceptance.